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Oil and Gas Unit

Quarterly Update

March 1989



Oil and Gas Unit

Quarterly Update

ENERGY RESOURCES CONSERVATION BOARD

Editorial correspondence to

Drilling and Production Department
Energy Resources Conservation Board

1989 edition, published quarterly

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to 30 March 1989

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\$30 - annual subscription amendments

OIL AND GAS UNITS

NEW UNITS

Bantry Pekisko G Unit 1
Hanlan Swan Hills Pool Gas Unit No. 1
Johnson Glauconitic "C" Pool Unit No. 1
Mitsue Gilwood Sand Unit No. 2
Pembina Belly River "DDD" Unit No. 1
Sakwatamau Gething Unit
Viking Kinsella Sparky F Pool Unit No. 1
Wainwright Wainwright Unit No. 15
Waskahigan Dunvegan "A" Pool Unit

REVISED UNITS

Aerial Ostracod Gas Unit No. 1
Alderson Second White Specks Gas Unit No. 1
Alderson West Upper Mannville "S" Pool Unit
Belloy Gas Unit No. 1
Bigoray Nisku "D" Unit No. 1
Brazeau River Gas Unit No. 1
Calgary Basal Quartz Unit No. 1
Calgary Crossfield Unit No. 1
Calgary Elkton Unit No. 1
Carnwood Cardium Unit
Caroline Cardium "B" Sand Unit No. 1
Chigwell Viking B Unit
Cynthia Cardium Unit No. 4
Drumheller Basal Quartz Gas Unit No. 1
Dunvegan Gas Unit No. 1
South Edson Gas Unit No. 1
Erskine Gas Unit No. 1
Fenn-Big Valley Viking Gas Unit No. 1
Ghost Pine Unit
Greencourt East Gas Unit No. 1
Harmattan-Elkton Unit No. 1
Harmattan Leduc Unit No. 1
Huxley Gas Unit No. 1
Joarcam Viking Unit No. 3
Joffre D-2 Unit No. 1
Joffre Viking Sand Unit No. 3
Kaybob Notikewin Unit No. 1
Kaybob South Beaverhill Lake Gas Unit No. 1
Killam Cameron Sand Unit
Leduc-Woodbend D-2 Unit
Maple Glen Gas Unit
Mazeppa Crossfield Unit No. 1
Medicine River Unit No. 3
Medicine River Unit No. 4
Medicine River Viking "D" Unit No. 2
South Mitsue Unit No. 1
Niton Unit

Oyen Gas Unit No. 3
 Oyen Gas Unit No. 4
 North Oyen Gas Unit
 Paddle River Gas Unit No. 1
 North Paddle River Gas Unit
 Pembina Belly River AA Pool Unit
 Pembina Belly River "B" South Unit
 Pembina Cardium Unit No. 20
 Pembina Cardium Unit No. 31
 Pembina Nisku "D" Pool Unit No. 1
 Pembina Nisku "F" Pool Unit No. 1
 North Pembina Cardium Unit No. 1
 Pembina Keystone Cardium Unit No. 2
 Pembina Ostracod "G" Unit
 Progress Halfway Gas Unit No. 1
 Provost Viking Sand Unit
 Ranfurly Gas Unit
 South Rosevear Gas Unit No. 1
 Sunchild Gas Unit No. 1
 Sundre Unit No. 1
 Sundre Rundle "B" Pool Unit
 Swan Hills Unit No. 1
 East Taber Mannville "D" Unit No. 1
 Taber North Unit No. 2
 Tide Lake Gas Unit No. 1
 Tilley Milk River Gas Unit
 Virginia Hills BHL Unit No. 2
 Wainwright Colony Sand Gas Unit No. 1
 Wainwright Unit No. 2
 Wainwright Unit No. 4
 Wayne-Rosedale Glauconitic Unit No. 1
 Westeros South (Dick Lake) Leduc Unit
 Wildunn Gas Unit
 Wood River D-2C Unit

The following Units were revised but Company Names, Unit Areas, or
 Final Participation were not affected.

Crossfield Turner Valley Unit No. 1
 Harmattan East Viking Unit No. 1
 Highvale Cardium "C" Unit
 House Mountain Unit No. 1
 House Mountain Unit No. 2
 House Mountain Unit No. 3
 Joarcam Viking Unit No. 1
 Innisfail Leduc Reef Unit
 Judy Creek Beaverhill Lake Unit
 Judy Creek West Beaverhill Lake Unit
 Morse River Unit No. 1
 Olds Unit No. 2

Pembina Cardium Unit No. 2

Pembina Cardium Unit No. 5

Rowley Pekisko Unit #1

South Swan Hills Unit

Three Hills Gas Unit No. 1

Wimborne Leduc (D-3) Unit No. 1

Principal Asset - Oilfield Development

Principal Substances - Crude oil, natural gas and solvent extraction
(energy assets)

Working Interest Owners

Per Cent Participation

Alberta Energy Services Ltd.

23.71%

Tripartite Services Ltd.

41.44%

Canadian Petroleum Limited

12.33%

100.00%

For a complete definition of oilfield assets and substances see Bill
Documents

(For Asset - See Schedule 1(a))

ENERGY SERVICES CORPORATION
Calgary, Alberta

BANTRY PEKISKO G UNIT 1

Located in the Bantry Field

Unit Operator - Intensity Resources Ltd.

Initial Effective Date - 1 February 1989

*Unitized Zone - Pekisko Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

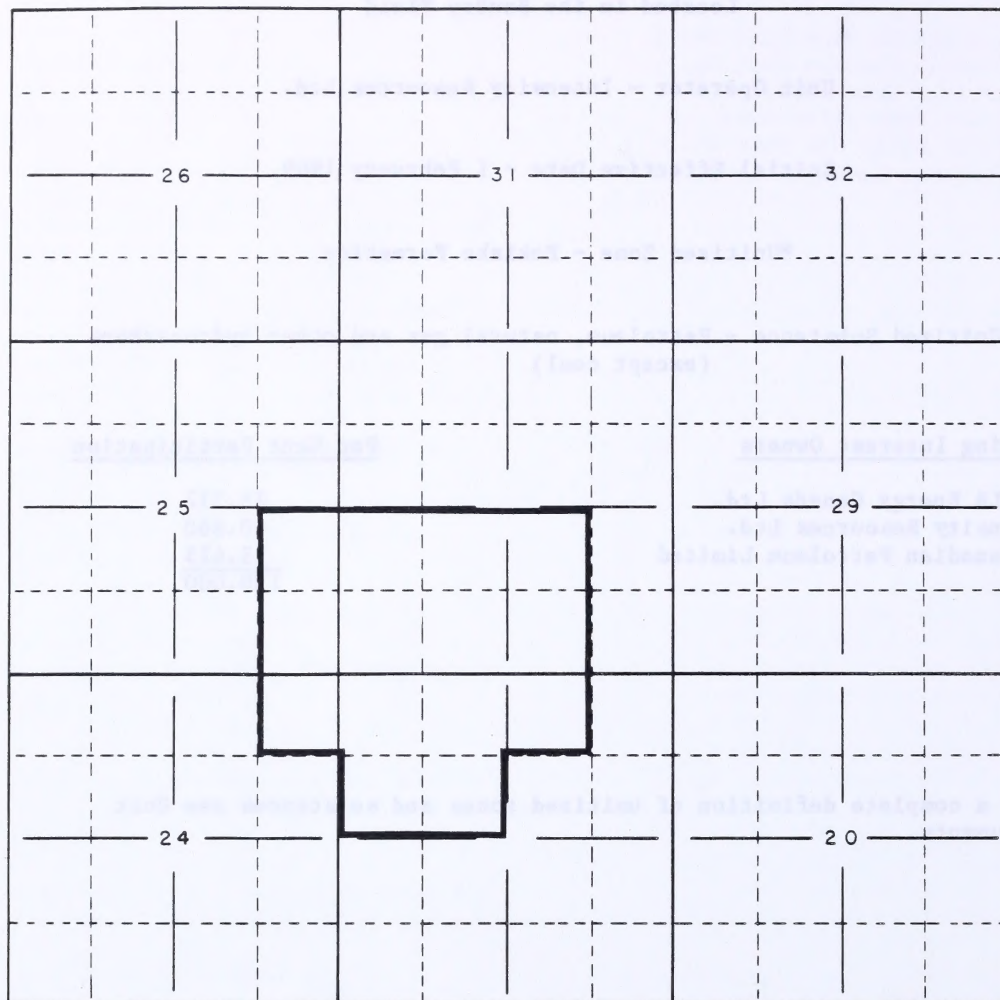
Per Cent Participation

DEKALB Energy Canada Ltd.	25.717
Intensity Resources Ltd.	60.860
PanCanadian Petroleum Limited	13.423
	<u>100.000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



ERC

1 FEBRUARY 1988

HANLAN SWAN HILLS POOL GAS UNIT NO. 1

Located in the Hanlan Field

Unit Operator - Gulf Canada Resources Limited

Initial Effective Date - 1 July 1988

*Unitized Zone - Swan Hills Member

*Unitized Substance - Natural gas and associated substances

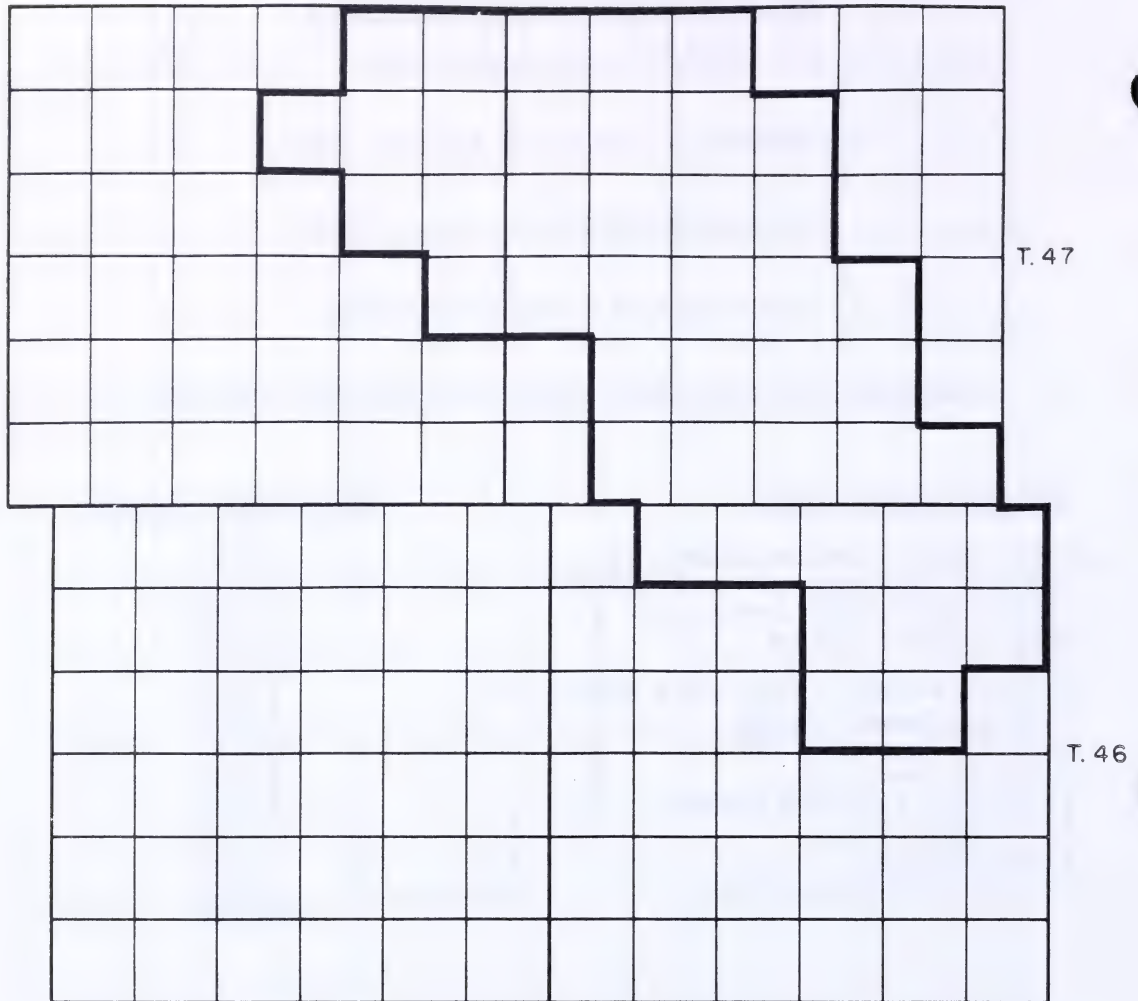
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	0.0085
Columbia Gas Development of Canada Ltd.	0.1119
Conwest Exploration Company Ltd.	0.1359
Dome Petroleum Limited	1.2439
Gulf Canada Resources Limited	24.9270
Hamilton Brothers Canadian Gas Company Ltd.	5.3120
Home Oil Company Limited	1.8000
Husky Oil Operations Ltd.	4.4740
Musketeer Energy Ltd.	0.0063
PanCanadian Petroleum Limited	2.7850
Petro-Canada Inc.	53.8810
Placer Dome Inc.	0.0025
Union Pacific Resources Inc.	5.3120
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.17W.5M.



ERCB

UNIT OPERATOR - GULF CANADA RESOURCES LIMITED

JOHNSON GLAUCONITIC "C" POOL UNIT NO. 1

Located in the Johnson Field

Unit Operator - PanCanadian Petroleum Limited

Initial Effective Date - 1 January 1989

*Unitized Zone - Glauconitic Zone

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

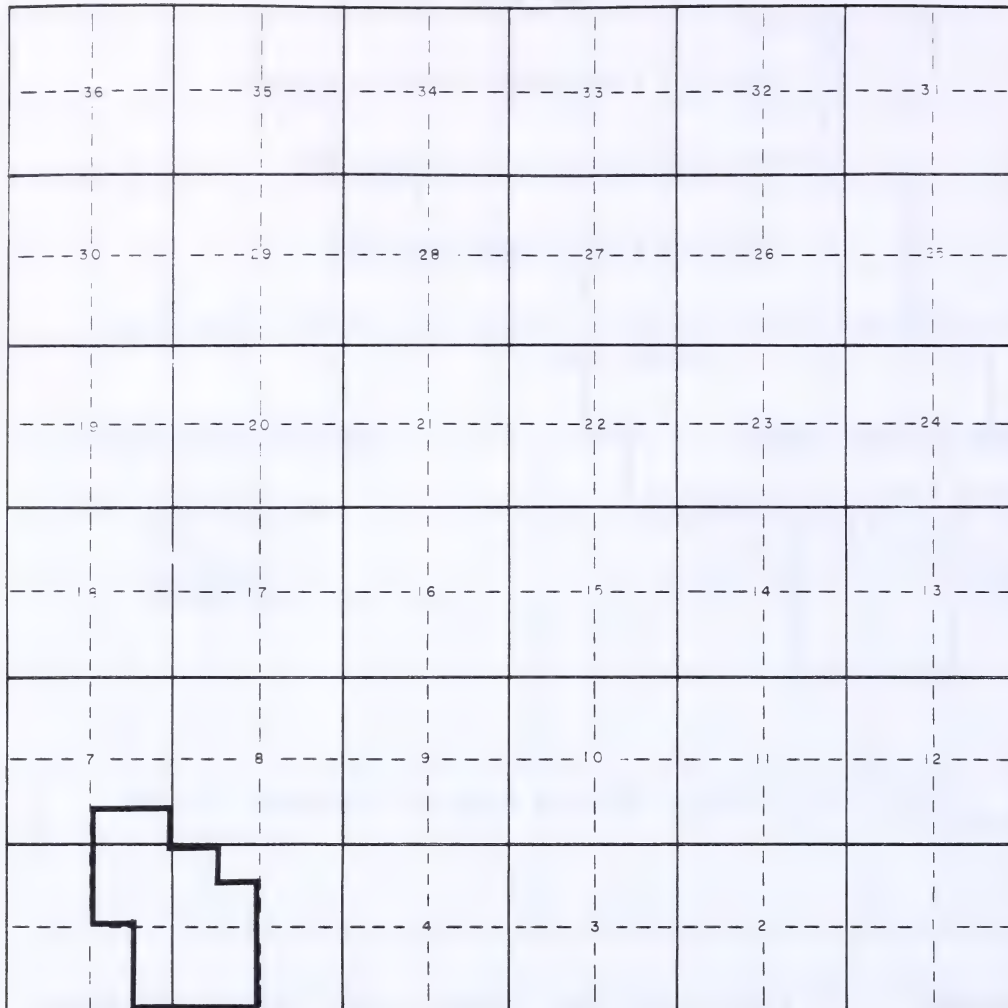
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Enerplus Resources Corporation	11.446591
Jerry Chambers Exploration Co.	10.265836
NCE Oil & Gas (87-1) Ltd.	11.446591
PanCanadian Petroleum Limited	66.840982
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.14W4M



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JOHNSON GLAUCONITIC "C" POOL UNIT No. 1

ERCB

INITIAL EFFECTIVE DATE - 1 JANUARY 1989

UNIT OPERATOR - PANCANADIAN PETROLEUM LIMITED

MITsUE GILWOOD SAND UNIT NO. 2

Located in the Mitsue Field

Unit Operator - Norwich Resources Canada Ltd.

Initial Effective Date - 1 March 1989

*Unitized Zone - Gilwood Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Esso Resources Canada Limited	23.92211
LASMO Canada Inc.	38.03895
Norwich Resources Canada Ltd.	38.03894
	<u>100.00000</u>

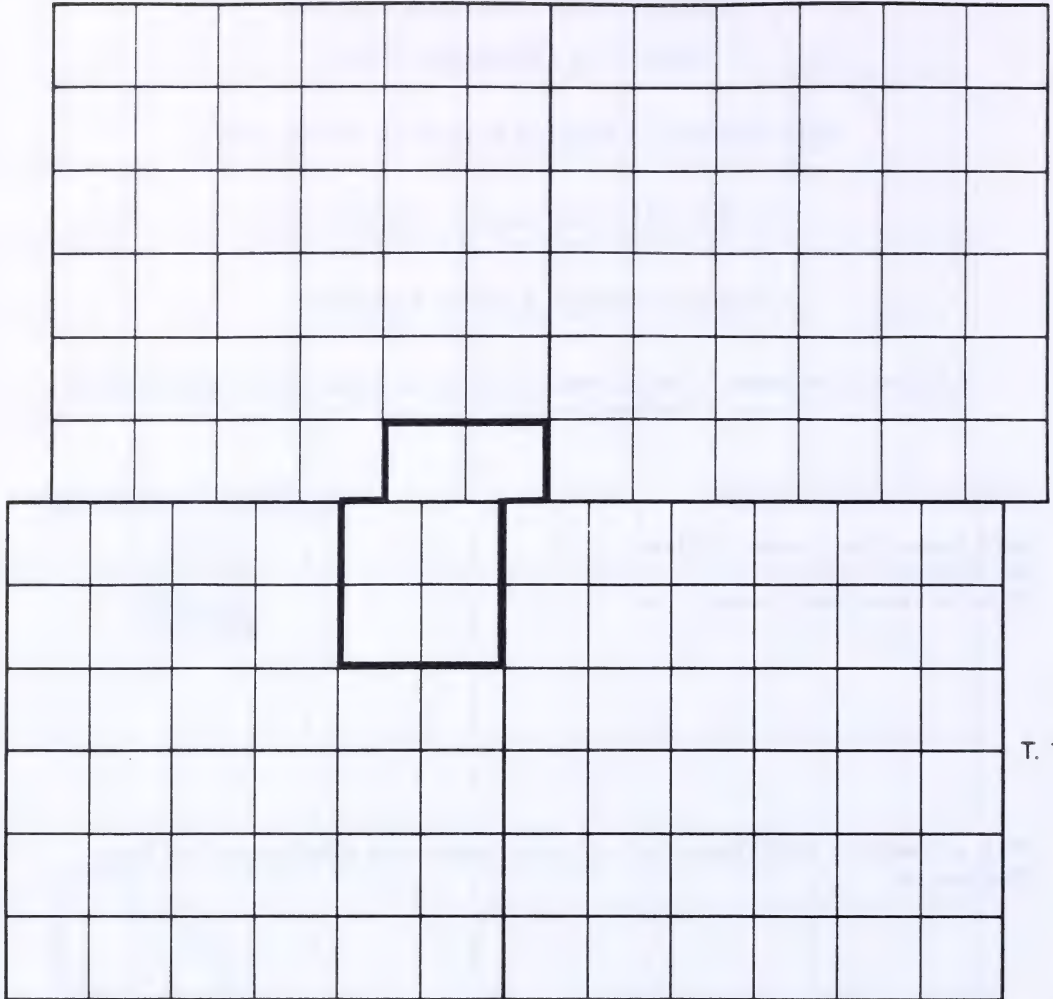
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

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Calgary, Alberta

R. 6

R. 5 W. 5 M.



T. 75

T. 74

mitsue GILWOOD SAND UNIT No. 2



INITIAL EFFECTIVE DATE - 1 MARCH 1989

UNIT OPERATOR - NORWICH RESOURCES CANADA LTD.

PEMBINA BELLY RIVER "DDD" UNIT NO. 1

Located in the Pembina Field

Unit Operator - Texaco Canada Resources

Initial Effective Date - 1 March 1989

*Unitized Zone - Belly River Formation

*Unitized Substance - Petroleum and other hydrocarbons (except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>	
	<u>Interim</u>	<u>Final</u>
Dinas Corporation	0.6380	0.4519
Dome Petroleum Limited	36.1914	29.0249
Encor Energy Corporation Inc.	9.0515	10.4880
Sceptre Resources Limited	7.9192	7.5152
Texaco Canada Resources	38.2807	45.0048
Westmin Resources Limited	7.9192	7.5152
	<u>100.0000</u>	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

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R.IIW5M

18	17	16
	8	9
6	5	

T.49

PEMBINA BELLY RIVER "DDD" UNIT No. 1

ERCB

INITIAL EFFECTIVE DATE- 1 MARCH 1989

UNIT OPERATOR- TEXACO CANADA RESOURCES

SAKWATAMAU GETHING UNIT

Located in the Sakwatamau Field

Unit Operator - Amoco Canada Petroleum Company Ltd.

Initial Effective Date - 1 December 1988

*Unitized Zone - Gething "B" Sand Formation

*Unitized Substance - Petroleum and other hydrocarbons (except coal)

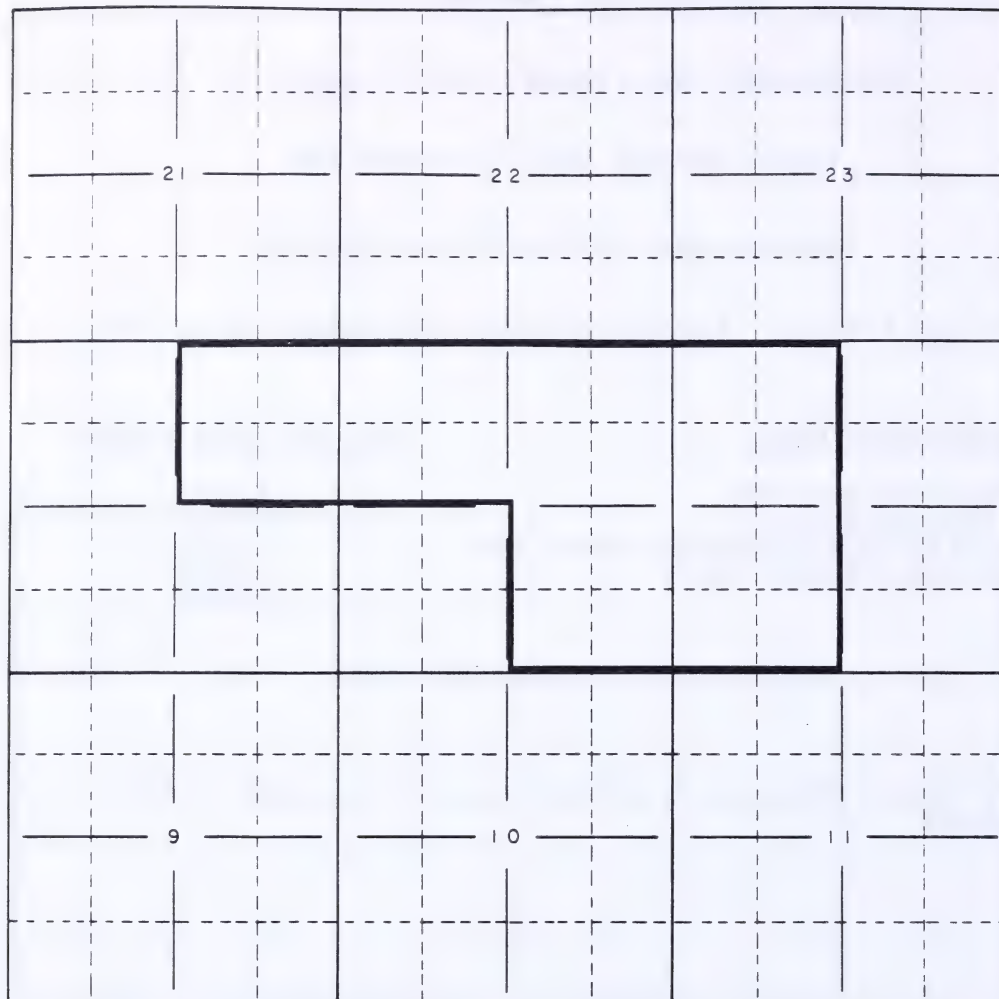
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Chevron Canada Resources	3.75597
Dome Petroleum Limited	83.49771
Hamilton Brothers Canadian Gas Company Ltd.	8.99035
Samedan Oil of Canada, Inc.	3.75597
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

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R.14W5M



T. 63

SAKWATAMAU GETHING UNIT



INITIAL EFFECTIVE DATE- 1 DECEMBER 1988

UNIT OPERATOR- AMOCO CANADA PETROLEUM COMPANY LTD.

VIKING KINSELLA SPARKY F POOL UNIT NO. 1

Located in the Viking-Kinsella Field

Unit Operator - Voyager Energy Inc.

Initial Effective Date - 1 October 1988

*Unitized Zone - Sparky Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

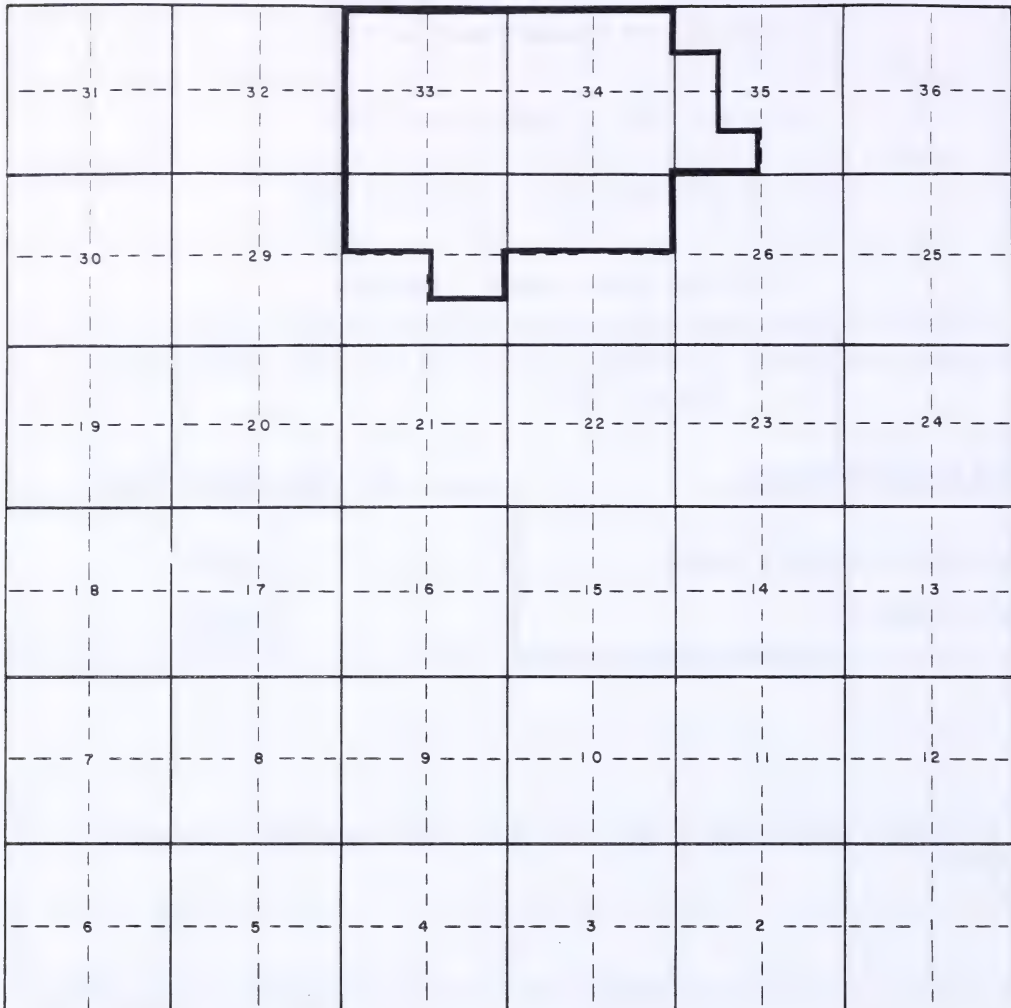
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
PanCanadian Petroleum Limited	26.0000
Voyager Energy Inc.	<u>74.0000</u>
	100.0000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

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R.10W4M



T. 46

VIKING KINSELLA SPARKY "F" POOL UNIT No. 1 **ERCB**

INITIAL EFFECTIVE DATE - 1 OCTOBER 1988

UNIT OPERATOR - VOYAGER ENERGY INC.

WAINWRIGHT WAINWRIGHT UNIT NO. 15

Located in the Wainwright Field

Unit Operator - Piute Petroleum Limited

Initial Effective Date - 1 June 1987

*Unitized Zone - Sparky A and Wainwright Formations

*Unitized Substance - Petroleum and other hydrocarbons (except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Aurelian Developers Ltd.	10.0362
Corvair Oils Ltd.	12.5452
Petro Canada Inc.	29.0971
Piute Petroleum Limited	42.2986
Quesada Investments	3.2776
Raymond Pearson	0.2476
Venture One Investments	2.4977
	<u>100.0000</u>

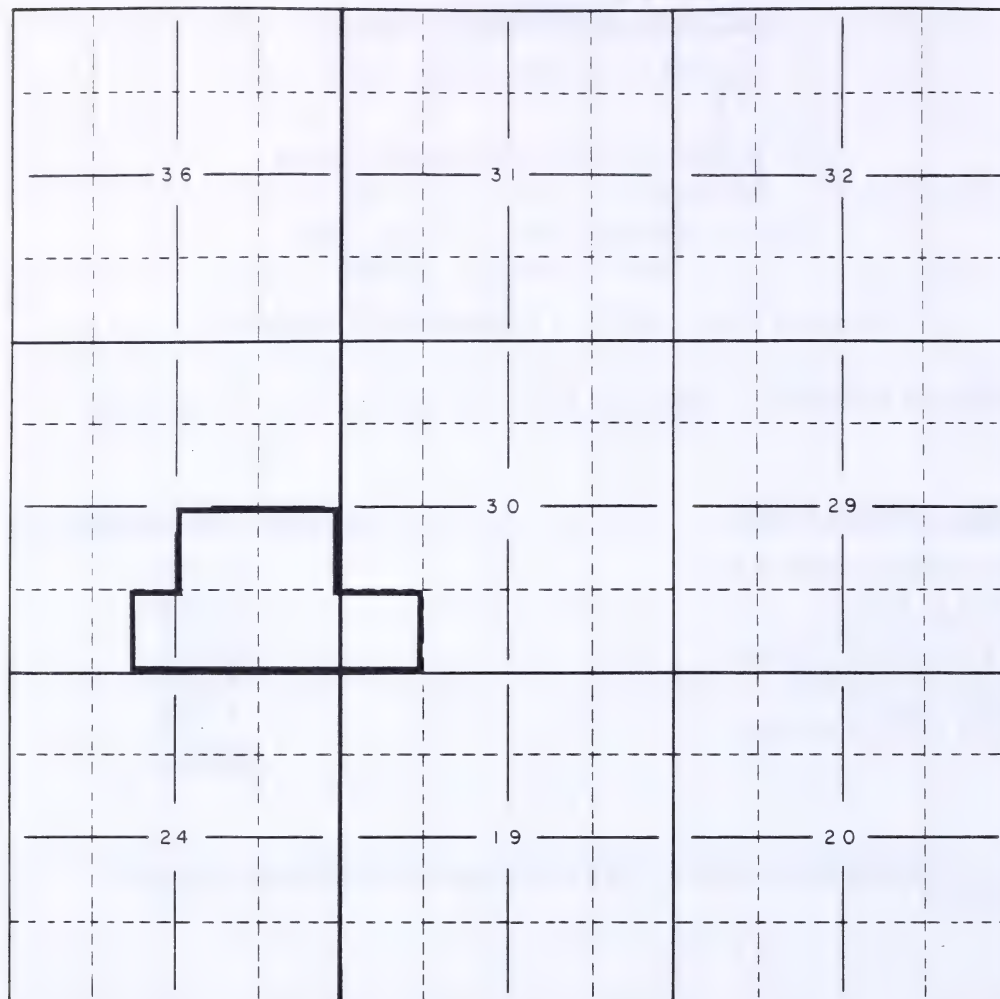
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.6

R.5W4M



T.45

WAINWRIGHT WAINWRIGHT UNIT No.15

ERCB

INITIAL EFFECTIVE DATE- 1 JUNE 1987

UNIT OPERATOR- PIUTE PETROLEUMS LIMITED

WASKAHIGAN DUNVEGAN "A" POOL UNIT

Located in the Waskahigan Field

Unit Operator - Amoco Canada Petroleum Company Ltd.

Initial Effective Date - 1 February 1989

*Unitized Zone - Dunvegan Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>	
	<u>Interim</u>	<u>Final</u>
Amoco Canada Petroleum Company Ltd.	59.45	60.49
Chevron Canada Resources	6.81	9.99
Mobil Oil Canada, Ltd.	33.74	29.52
	<u>100.00</u>	<u>100.00</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 24

R. 23W5M

34	35	36	31	32	33
27	26	25	30	29	28
22	23	24	19	20	21
15	14	13	18	17	16
10	11	12	7	8	9
3	2	1	6	5	4

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WASKAHIGAN DUNVEGAN "A" POOL UNIT

ERCB

INITIAL EFFECTIVE DATE - 1 FEBRUARY 1989

UNIT OPERATOR - AMOCO CANADA PETROLEUM COMPANY LTD.

AERIAL OSTRACOD GAS UNIT NO. 1

Located in the Drumheller Field

Unit Operator - Mobil Oil Canada

Initial Effective Date - 1 June 1968

Participation Revised - 1 January 1989

*Unitized Zone - Ostracod zone

*Unitized Substance - Natural gas and associated hydrocarbons except
crude oil and coal

Working Interest Owners

Per Cent Participation

Alta-Canada Corporation	0.57243
Dome Petroleum Limited (controlled by Amoco)	25.17172
Esso Resources Canada Limited	6.17286
Hudson's Bay Oil and Gas Company Limited (controlled by Amoco)	2.18821
Mobil Oil Canada	62.80363
Norcen Energy Resources Limited	1.71730
Okanagan Petroleums Limited	0.91590
Prairie Oil Royalties Company Ltd. (controlled by Norcen)	<u>0.45795</u>
	100.00000

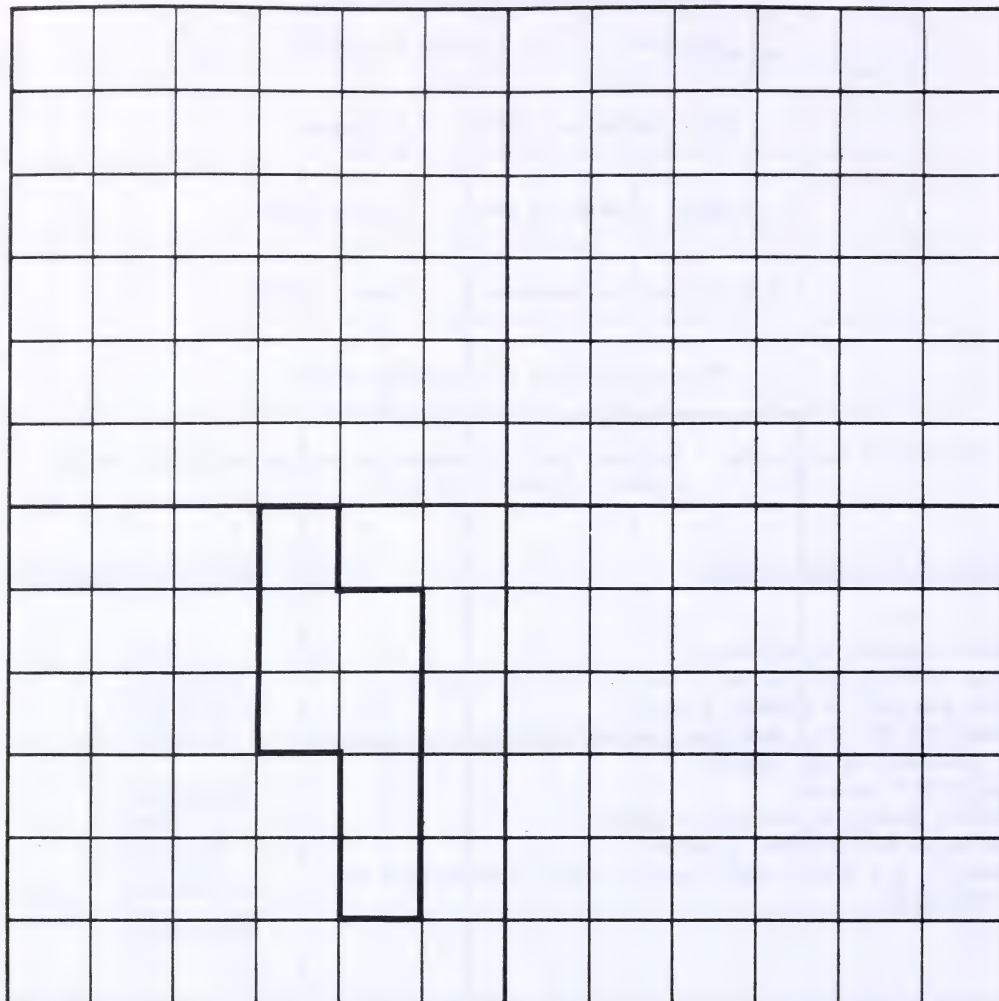
*For a complete definition of unitized zones and substances see Unit
Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.19

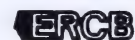
R.18W.4M.



T.30

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AERIAL OSTRACOD GAS UNIT NO.1



INITIAL EFFECTIVE DATE - 1 JUNE 1968

UNIT OPERATOR - MOBIL OIL CANADA

ALDERSON SECOND WHITE SPECKS GAS UNIT NO. 1

Located in the Alderson Field

Unit Operator - PanCanadian Petroleum Ltd.

Initial Effective Date - 1 May 1968

Participation Revised - 1 March 1989

*Unitized Zone - Second White Specks Formation

*Unitized Substance - Natural gas and other hydrocarbons (except crude oil and coal)

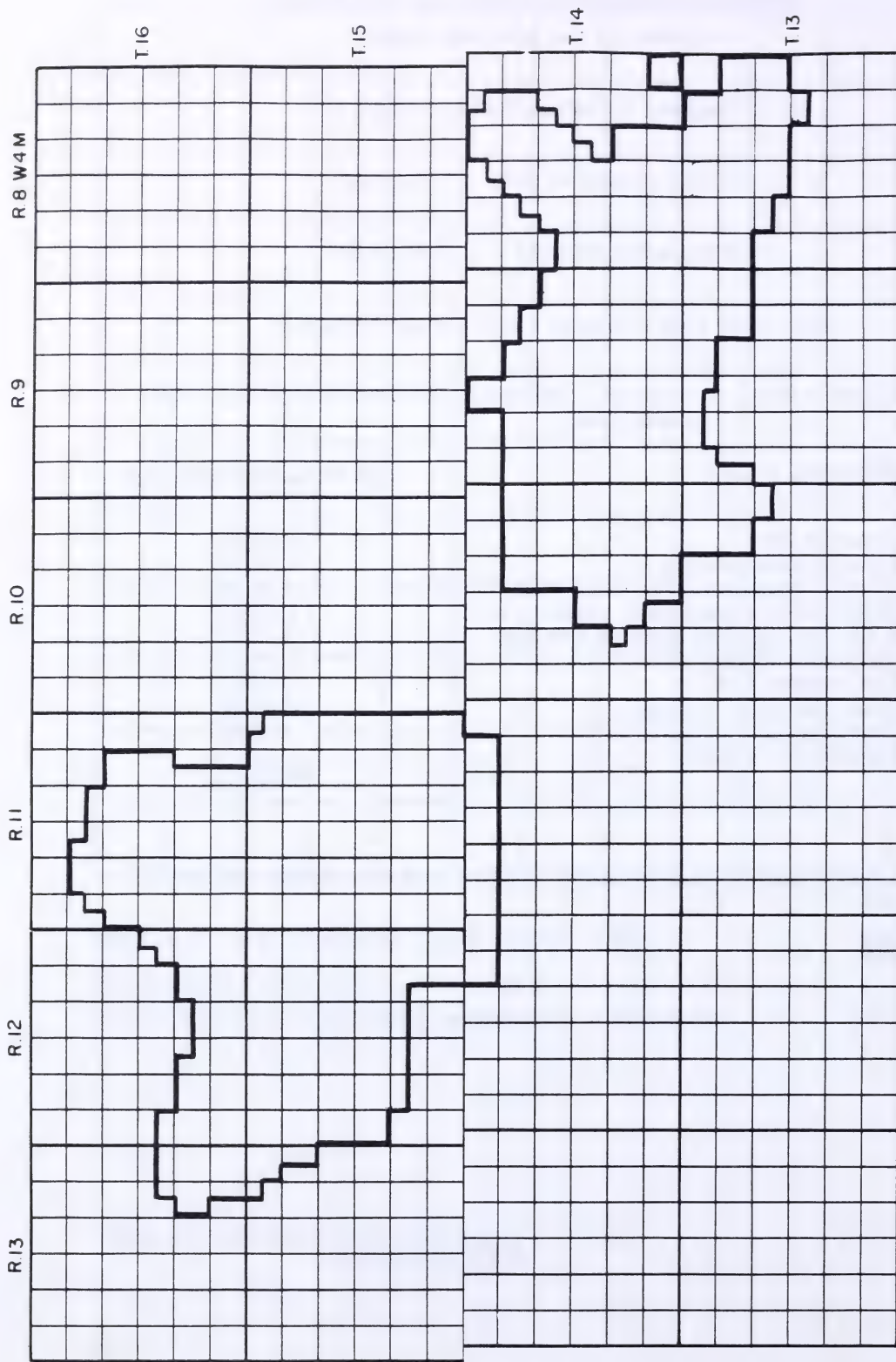
Working Interest Owners

Per Cent Participation

Altex Resources Ltd.	0.29071
BP Resources Canada Limited	2.98305
Canenco (1988) Exploration Limited Partnership	0.25550
Cooperative Energy Development Corporation	0.29071
Hudson's Bay Oil and Gas Company Limited	0.95047
Koch Exploration Canada, Ltd.	0.49563
Murphy Oil Company Ltd.	0.18020
PanCanadian Petroleum Limited	87.70782
Petro-Canada Inc.	5.96517
Scurry-Rainbow Oil Limited	0.88074
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

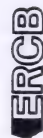
(For Area - See Reverse Side)



ALDERSON SECOND WHITE SPECKS GAS UNIT NO.1

INITIAL EFFECTIVE DATE - 1 MAY 1968

UNIT OPERATOR - PANCANADIAN PETROLEUM LTD.



ALDERSON WEST UPPER MANNVILLE "S" POOL UNIT

Located in the Alderson Field

Unit Operator - PanCanadian Petroleum Limited

Initial Effective Date - 1 March 1984

Participation Revised - 1 March 1989

*Unitized Zone - Upper Mannville Sandstone Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

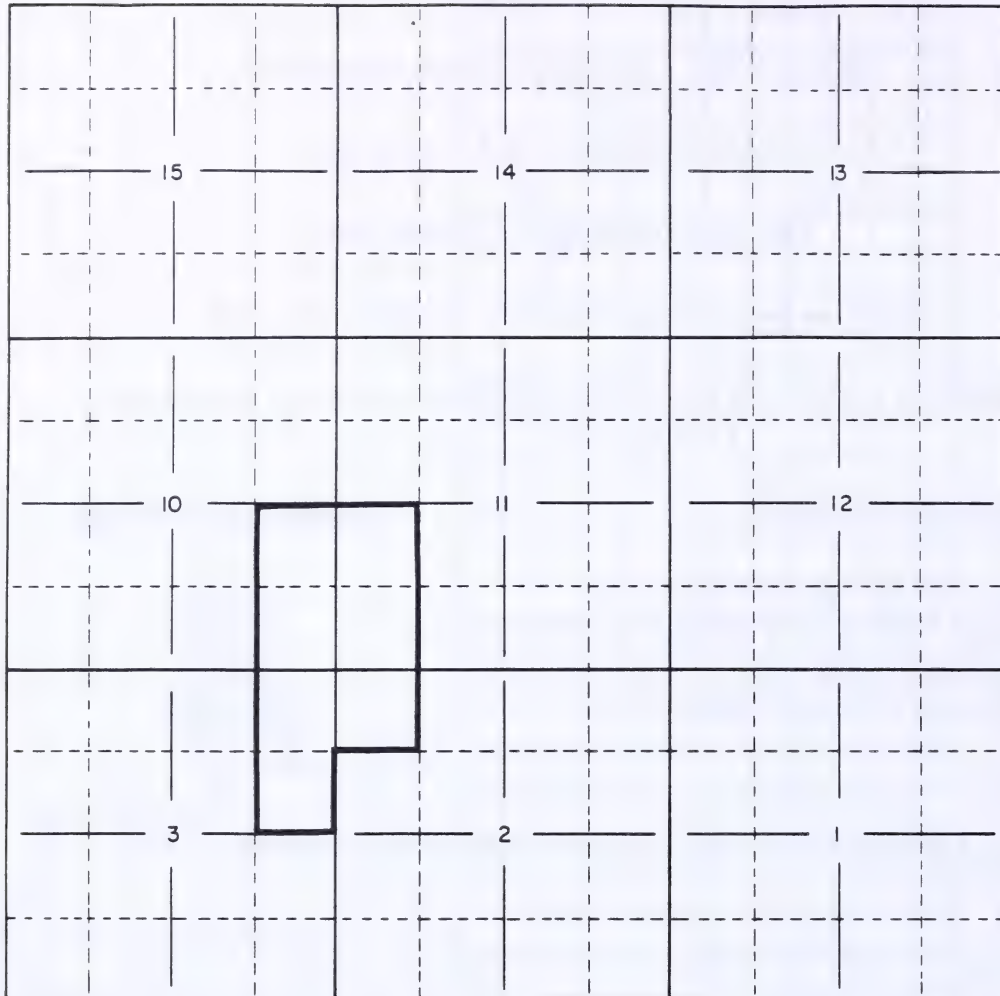
Per Cent Participation

Jerry Chambers Exploration Co.	3.629235
Enerplus Resources Corporation	4.046664
NCE Oil & Gas (87-1) Ltd.	4.046664
Oakwood Petroleums Ltd.	7.258472
PanCanadian Petroleum Limited	<u>81.018965</u>
	100.000000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

R 15 W 4M



T. 16

ALDERSON WEST UPPER MANNVILLE 'S' POOL UNIT



INITIAL EFFECTIVE DATE - 1 MARCH 1984

UNIT OPERATOR - PAN CANADIAN PETROLEUM LIMITED

BELLOY GAS UNIT NO. 1

Located in the Shane and Belloy Fields

Unit Operator - BP Resources Canada Limited

Initial Effective Date - 1 January 1981

Participation Revised - 1 March 1989

*Unitized Zone - Stoddart Formation

*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
BP Resources Canada Limited	24.95470
CNG Producing Company Limited	5.71285
Ethyl Petroleum Corporation	8.89140
Hudson's Bay Oil and Gas Company Limited	43.30570
New York Hide Trading Company	6.34760
North Canadian Oils Limited	5.71285
Northland Bank	4.75570
Precambrian Shield Resources	0.31920
	<u>100.00000</u>

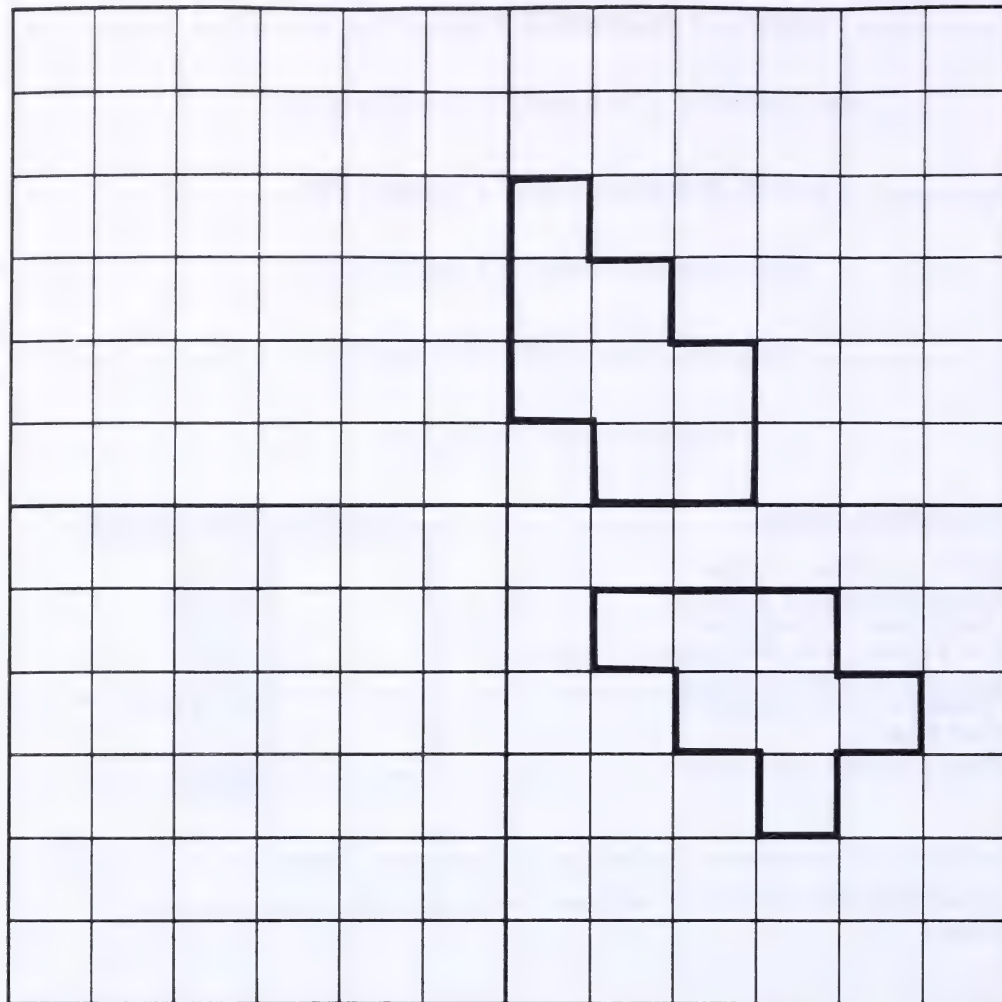
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.3

R.2 W.6 M.



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T.77

BELLOY GAS UNIT NO.1



INITIAL EFFECTIVE DATE — 1 JANUARY 1981

UNIT OPERATOR — B.P. RESOURCES CANADA LIMITED

BIGORAY NISKU "D" UNIT NO. 1

Located in the Bigoray Field

Unit Operator - Chevron Canada Resources

Initial Effective Date - 1 January 1986

Participation Revised - 1 February 1989

*Unitized Zone - Nisku "D" Pool

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

Per Cent Participation

Chevron Canada Resources

75.00

J. M. Huber Corporation

25.00
100.00

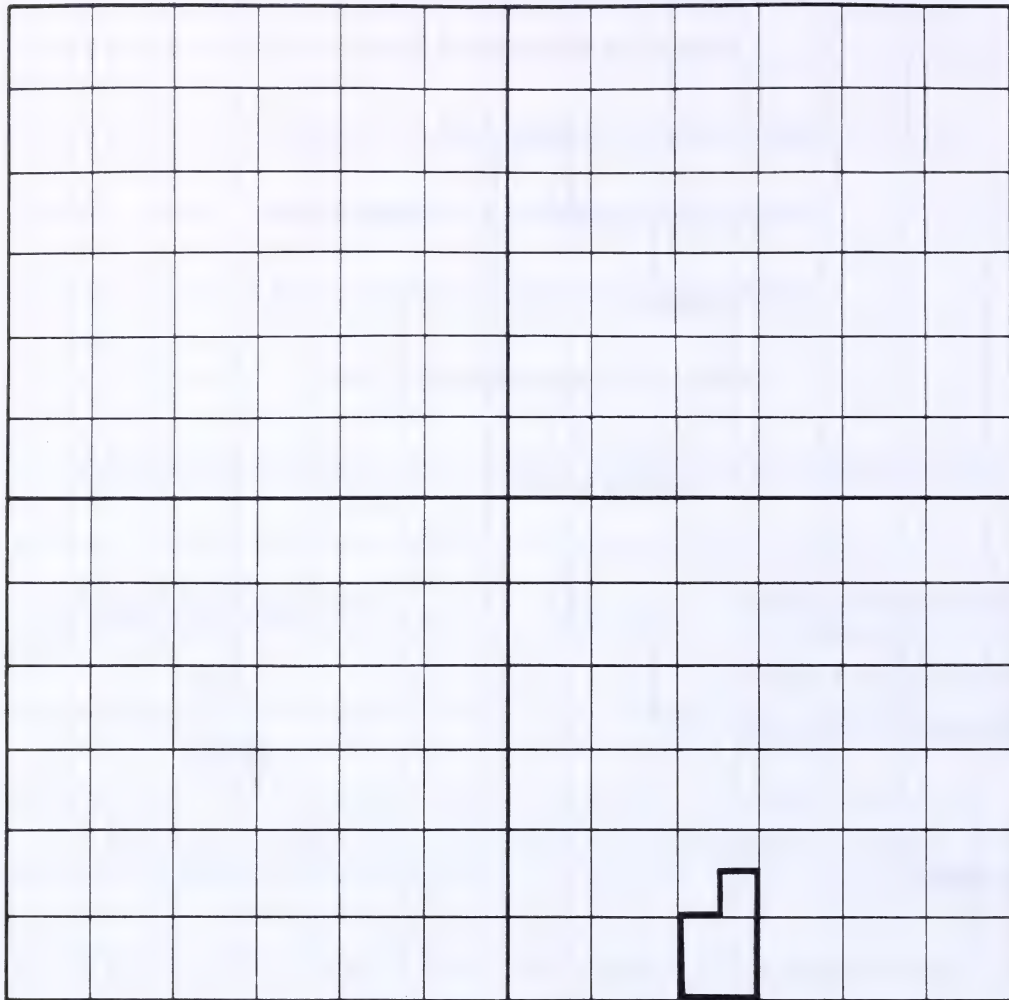
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.10

R.9 W.5 M.



T.52

T.51

BIGORAY NISKU D UNIT NO.1

ERCB

INITIAL EFFECTIVE DATE - 1 JANUARY , 1986

UNIT OPERATOR- CHEVRON CANADA RESOURCES

BRAZEAU RIVER GAS UNIT NO. 1

Located in the Brazeau River Field

Unit Operator - Esso Resources Canada Limited

Initial Effective Date - 1 November 1973

Participation Revised - 1 February 1989

*Unitized Zone - Turner Valley and Shunda Formations

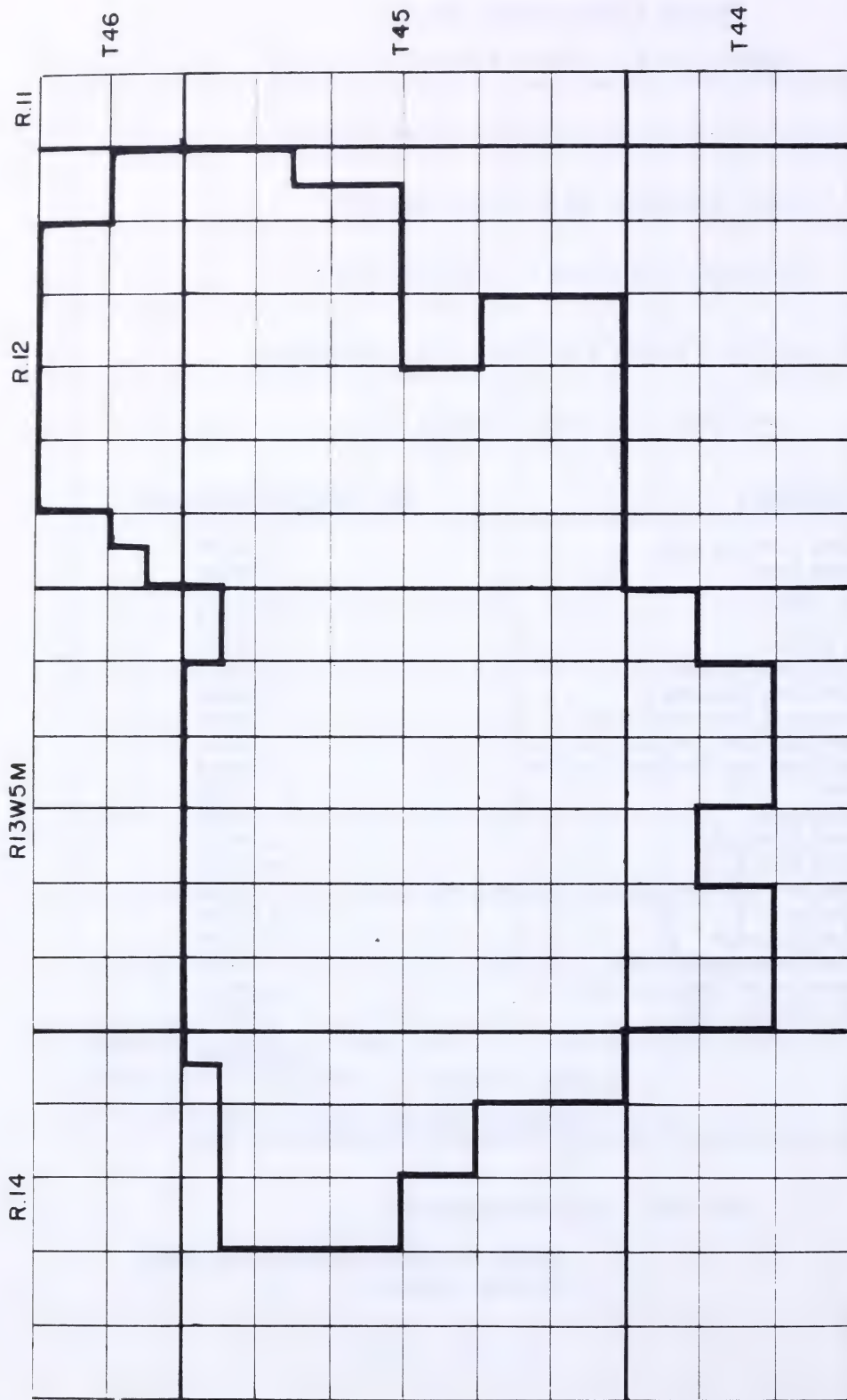
*Unitized Substance - Natural Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Can-Tex Producing Company Ltd.	0.92000
Cangild Resources Ltd.	0.09200
Canterra Energy Ltd.	1.54081
Corexcal Inc.	0.72618
Discovery West Corp.	0.92000
Esso Resources Canada Limited	21.52755
Gulf Canada Resources Limited	20.26606
Harvard International Resources Ltd.	1.54082
Home Oil Company Limited	2.05442
Hudson's Bay Oil and Gas Company Limited	3.98616
Mobil Oil Canada	21.52754
New York Oils Limited	0.55200
Pembina Resources Limited	2.46316
Petrorep (Canada) Ltd.	0.45386
Placer CEGO Petroleum, A Division of Placer Dome Inc.	0.92000
Shell Canada Limited	15.27501
Southland Royalty Company	0.92000
Southmark Acquisitions Canada Ltd.	0.27600
Spruce Hills Production Company, Inc.	0.68080
Total Petroleum (Canada) Ltd.	3.08163
154799 Canada Oil & Gas Properties Inc.	0.27600
	<u>100.00000</u>

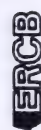
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



BRAZEAU RIVER GAS UNIT NO.1
INITIAL EFFECTIVE DATE - 1 NOVEMBER 1973
UNIT OPERATOR - ESSO RESOURCES CANADA LIMITED



CALGARY BASAL QUARTZ UNIT NO. 1

Located in the Crossfield Field

Unit Operator - Canadian Occidental Petroleum Ltd.

Initial Effective - 1 September 1966

Participation Revised - 22 December 1988

*Unitized Zone - Basal Quartz Formation

*Unitized Substance - Natural gas

Working Interest Owners

Per Cent Participation

Canadian Occidental Petroleum Ltd.	38.84188
Enerplus Resources Corporation	4.44224
Esso Resources Canada Limited	2.93496
Mobil Oil Canada	37.73176
Norcen Energy Resources Limited	0.77277
Petro-Canada Inc.	13.38983
Scurry-Rainbow Oil Limited	0.96945
Trek Energy Inc.	0.53073
Wilshire Oil of Canada, Ltd.	0.38638
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

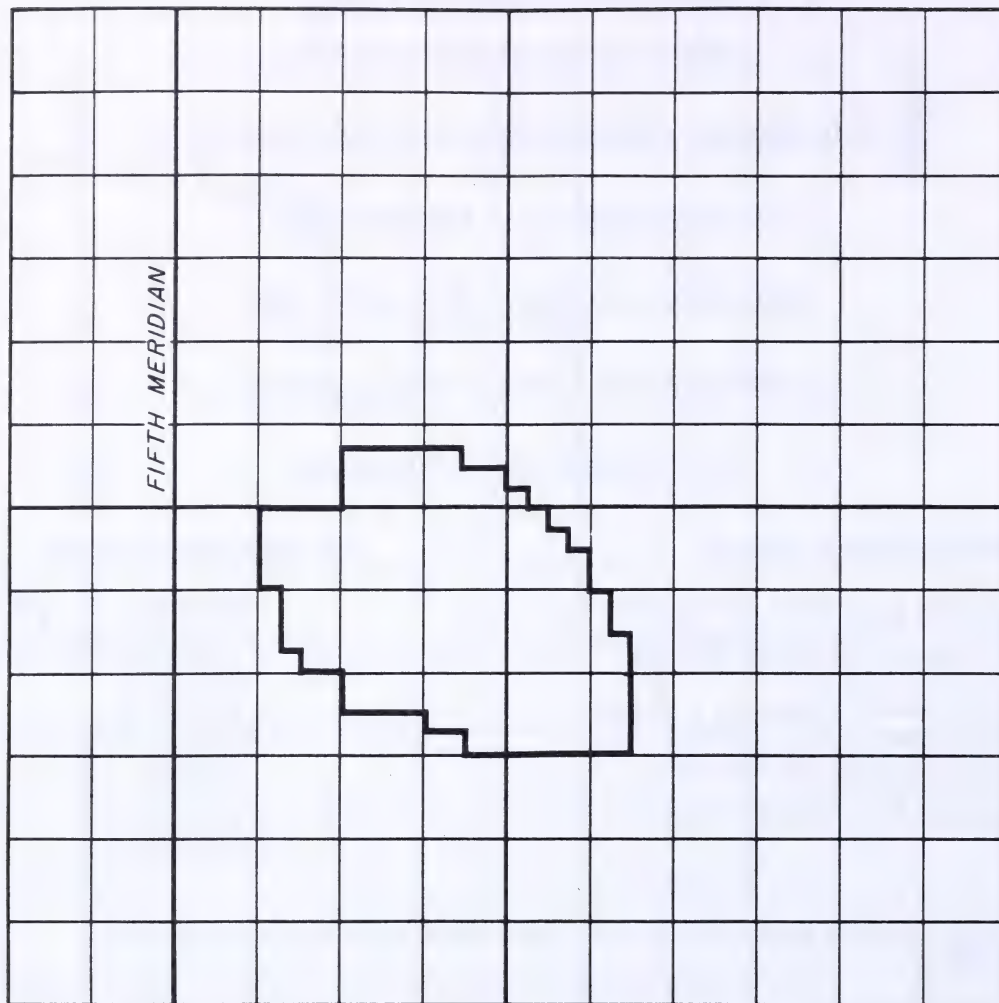
(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.1 W.5M.

R.29

R.28 W.4 M.



T.26

T.25

CALGARY BASAL QUARTZ UNIT NO.1



INITIAL EFFECTIVE DATE - 1 SEPTEMBER 1966

UNIT OPERATOR - CANADIAN OCCIDENTAL PETROLEUM LTD.

CALGARY CROSSFIELD UNIT NO. 1

Located in the Crossfield Field

Unit Operator - Canadian Occidental Petroleum Ltd.

Initial Effective Date - 1 December 1961

Participation Revised - 1 January 1989

*Unitized Zone - Crossfield Formation

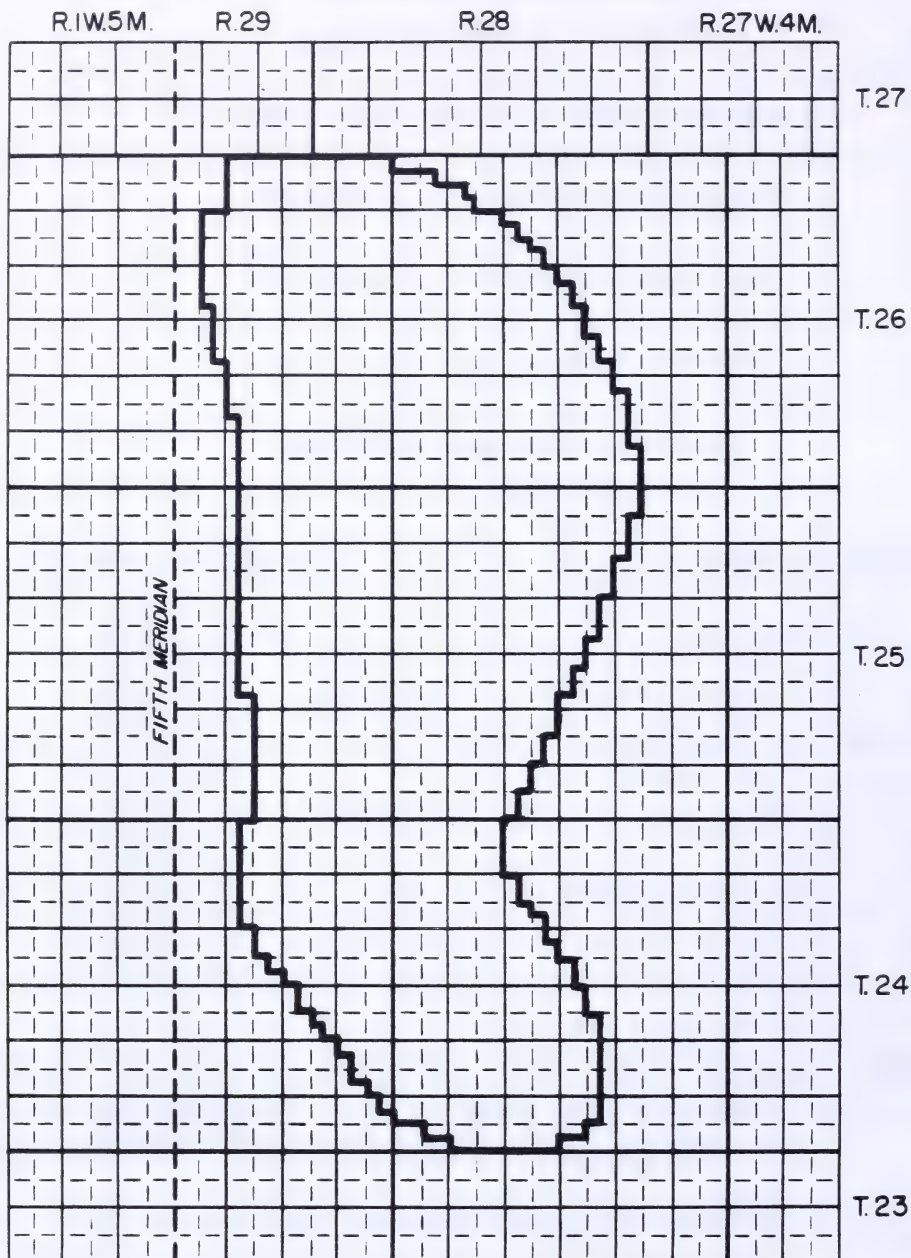
*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Barlow Bros. Ltd.	0.0025568
BP Resources Canada Ltd.	2.4220078
Camelot Minerals Ltd.	0.0982287
Canadian Occidental Petroleum Ltd.	37.7826283
Canadian Superior Oil Ltd.	2.1041409
Enerplus Resources Corporation	4.4523643
Esso Resources Canada Limited	1.6332109
Gulf Canada Limited	1.2767785
Home Oil Company Limited	0.5976090
Janval Oil Company	0.4648878
Lincoln-McKay Development Company Ltd.	0.0018857
Mobil Oil Canada	35.0241981
Norcen Energy Resources Limited	3.5851937
Norpet Oil & Gas Ltd.	0.1886417
Petro-Canada Inc.	6.4897218
Petroterra Natural Resources Ltd.	0.3836986
Scurry-Rainbow Oil Limited	2.1884833
Texaco Canada Resources	0.2194921
Wilshire Oil of Canada, Ltd.	1.0842725
	<u>100.0000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



CALGARY CROSSFIELD UNIT NO.1



INITIAL EFFECTIVE DATE - 1 DECEMBER 1961

UNIT OPERATOR - CANADIAN OCCIDENTAL PETROLEUM LTD.

CALGARY ELKTON UNIT NO. 1

Located in the Crossfield Field

Unit Operator - Canadian Occidental Petroleum Ltd.

Initial Effective Date - 1 December 1961

Participation Revised - 20 January 1989

*Unitized Zone - Elkton Formation

*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Barlow Development Ltd.	0.4662358
BP Resources Canada Limited	2.4270513
Calgary Western Investment Company Ltd.	0.0367252
City of Calgary	0.0267744
Camelot Minerals	0.2066155
Canadian Occidental Petroleum Ltd.	24.3667011
Enerplus Resources Corporation	7.6793503
Esso Resources Canada Limited	0.7939546
Gulf Canada Resources Ltd.	2.5281610
Home Oil Company Ltd.	5.1020386
(Scurry-Rainbow Oil Ltd.)	0.6816647
Husky Oil Ltd.	0.0150208
Lincoln-McKay Development Company Ltd.	0.3438484
Mobil Oil Canada	25.0768656
Norcen Energy Resources Ltd.	5.3001602
Norpet Resources Ltd.	0.0416611
PanCanadian Petroleum Ltd.	0.0503373
Petro-Canada Inc.	19.4028448
Shell Canada Limited	0.7097412
Texaco Canada Resources	0.9795245
Unocal Canada Ltd.	1.4522454
Wilshire Oil of Canada, Ltd.	2.0765663
333916 Alberta Ltd.	0.2359119
	<u>100.0000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

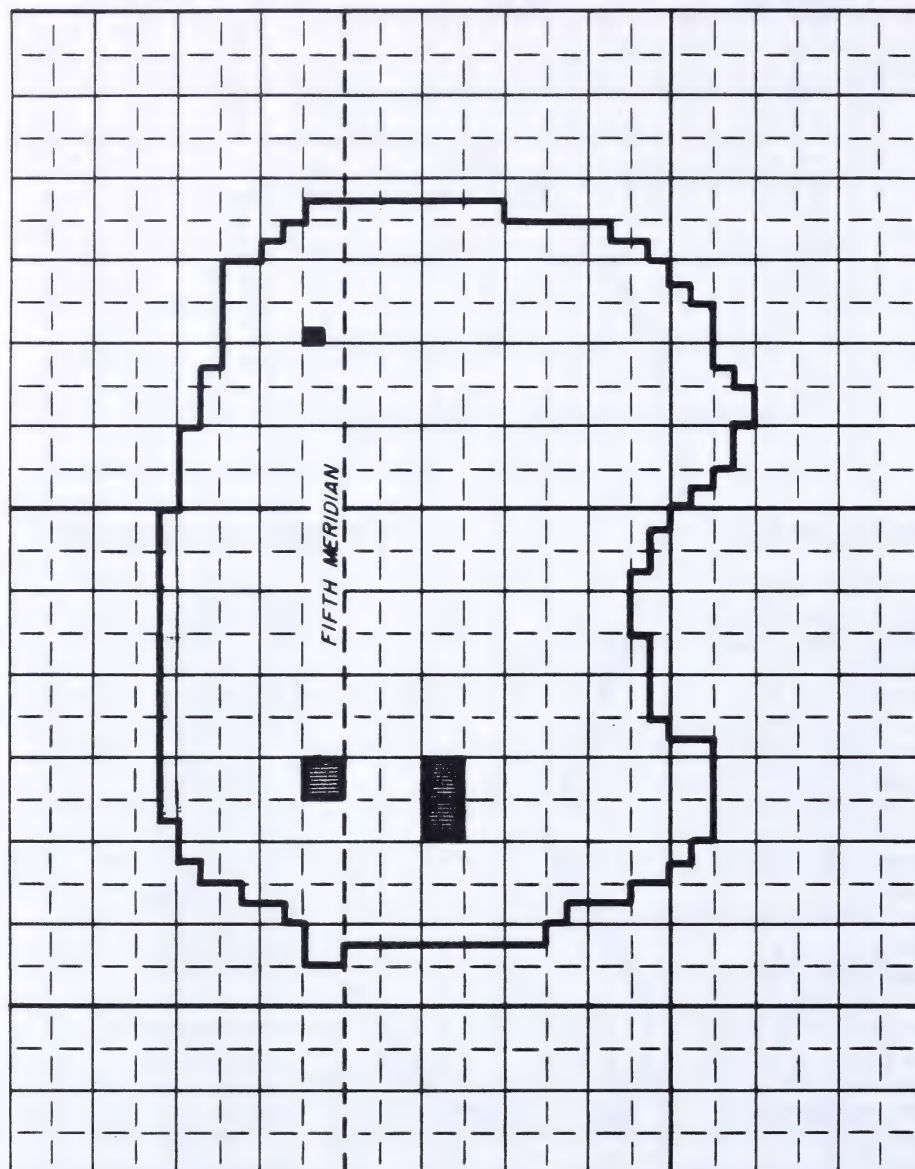
(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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
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CALGARY ELKTON UNIT NO.1

INITIAL EFFECTIVE DATE- 1 DECEMBER 1961

UNIT OPERATOR- CANADIAN OCCIDENTAL PETROLEUM LTD

SEE UNIT AGREEMENT FOR DETAILS 

CARNWOOD CARDIUM UNIT

Located in the Pembina Field

Unit Operator - BP Resources Canada Limited

Initial Effective Date - 1 September 1967

Participation Revised - 1 December 1988

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

Per Cent Participation

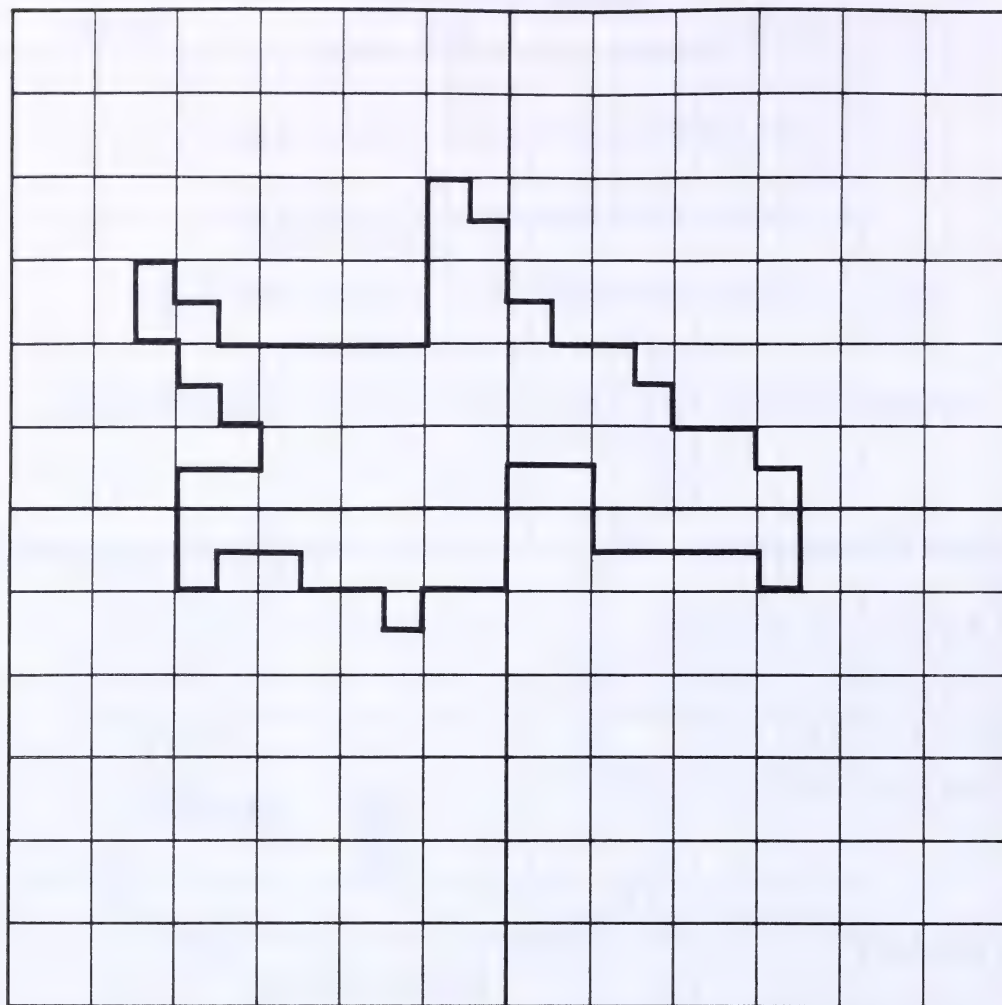
Bow Valley Industries Ltd.	6.33614
BP Resources Canada Limited	40.23761
Canadian Occidental Petroleum Ltd.	3.86523
Canadian Superior Oil Ltd.	27.90285
Esso Resources Canada Limited	18.01957
Lakewood Oil & Gas Ltd.	0.90382
New York Oils Limited (N.P.L.)	1.03607
Paloma Petroleum Ltd.	1.69871
	<u>100.00000</u>

* For a complete definition of unitized zone and substance see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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ERCB

UNIT OPERATOR - BP RESOURCES CANADA LIMITED

CAROLINE CARDIUM "B" SAND UNIT NO. 1

Located in the Caroline Field

Unit Operator - Petro-Canada Inc.

Initial Effective Date - 1 February 1983

Participation Revised - 1 February 1989

*Unitized Zone - Cardium "B" Sand Formation

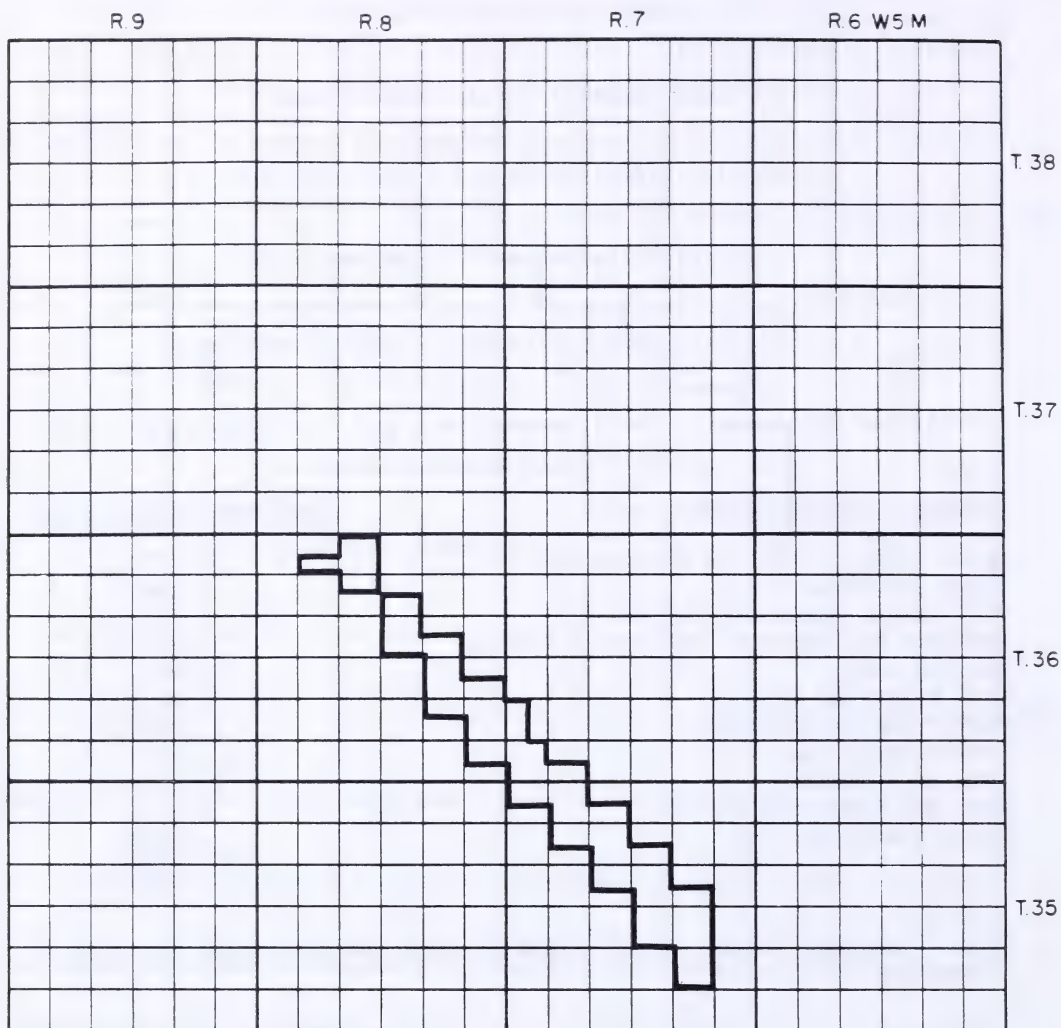
*Unitized Substances - Petroleum, natural gas, and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	1.107106
Dynex Petroleum Ltd.	0.510674
Gulf Canada Resources Limited	0.241259
Hudson's Bay Oil and Gas Company Limited	7.568232
Ish Oil Ltd.	0.381976
Mark Resources Inc.	1.527907
Northridge Energy Corp.	0.381977
Petro-Canada Inc.	83.079488
John H. W. Rathwell	0.050000
RTEC One Resources Inc.	5.101381
Safeway Holdings Ltd.	0.050000
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

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CAROLINE CARDIUM B SAND UNIT NO.1

INITIAL EFFECTIVE DATE - 1 FEBRUARY 1983

UNIT OPERATOR - PETRO-CANADA INC.



CHIGWELL VIKING B UNIT

Located in the Chigwell Field

Unit Operator - Ladd Exploration Company

Initial Effective Date - 1 November 1978

Participation Revised - 1 February 1989

*Unitized Zone - Viking B Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Occidental Petroleum Ltd.	2.2048
Dasher Resources Ltd.	3.7611
Fahnestock Viner Holdings Inc.	3.7611
Kelvin Energy Ltd.	15.0447
Ladd Exploration Company	15.0447
Megoil Ltd.	1.8085
New York Oils Ltd.	15.0447
Norwich Resources Canada Ltd.	5.5341
Placer Cego Petroleum Limited	5.5341
Prairie Dog Resources Ltd.	2.4679
Texaco Canada Resources	18.5552
202188 Petroleums Ltd.	1.1191
217915 Oil & Gas Ltd.	7.5222
357385 Alberta Ltd.	2.5978
	<u>100.0000</u>

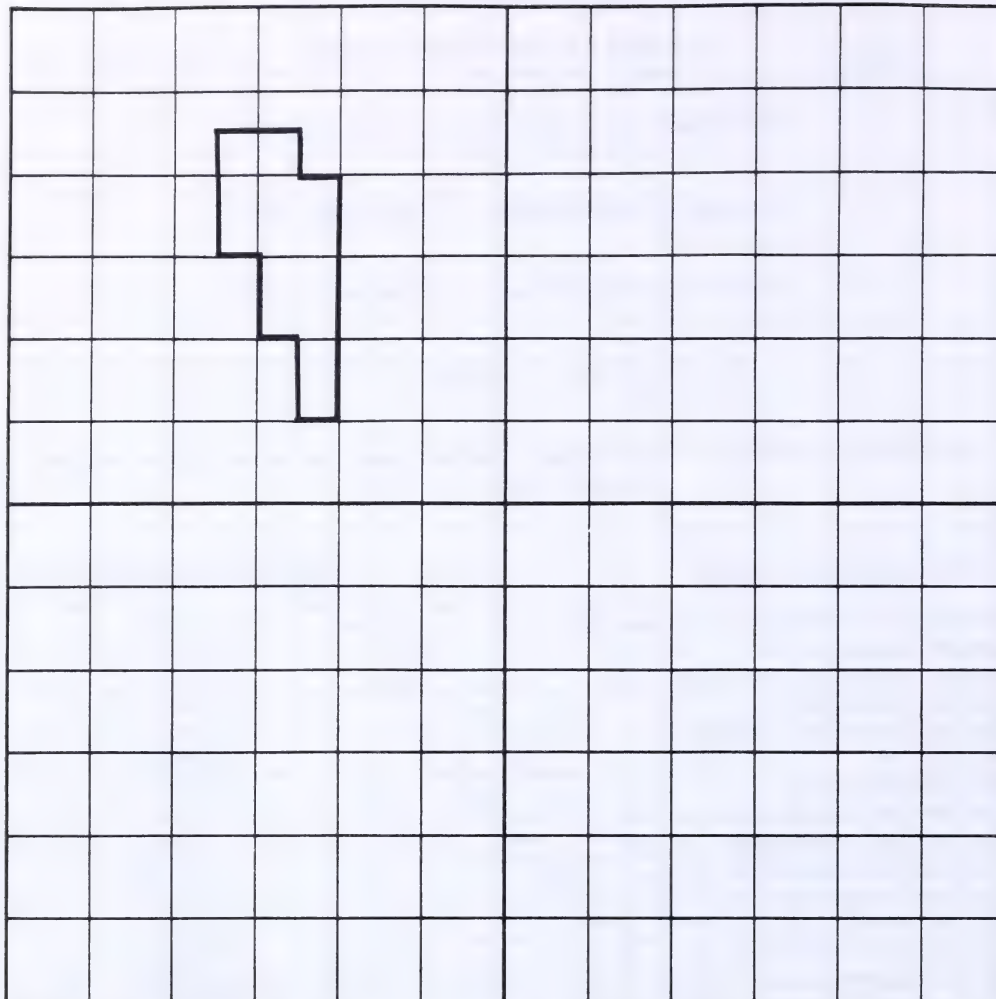
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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CHIGWELL VIKING B UNIT



INITIAL EFFECTIVE DATE — 1 NOVEMBER 1978

UNIT OPERATOR — LADD EXPLORATION COMPANY

CYNTHIA CARDIUM UNIT NO. 4

Located in the Pembina Field

Unit Operator - Texaco Canada Resources

Initial Effective Date - 1 March 1973

Participation Revised - 1 March 1989

*Unitized Zone - Cardium Formation

*Unitized Substances - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

Per Cent Participation

Bow Valley Industries Ltd.	0.31750
Benjamin D. Gilbert	0.61595
Dome Petroleum Limited	9.98500
Carolyn M. Harris	0.00635
Willis R. Moulton	0.00635
Gail F. Moulton, Jr.	0.00635
Lakewood Oil & Gas Ltd.	0.63500
Northern Development Company Limited	0.31750
Paloma Petroleum Ltd.	0.63400
Suncor Inc.	21.11300
Texaco Canada Resources	66.36300
	<u>100.00000</u>

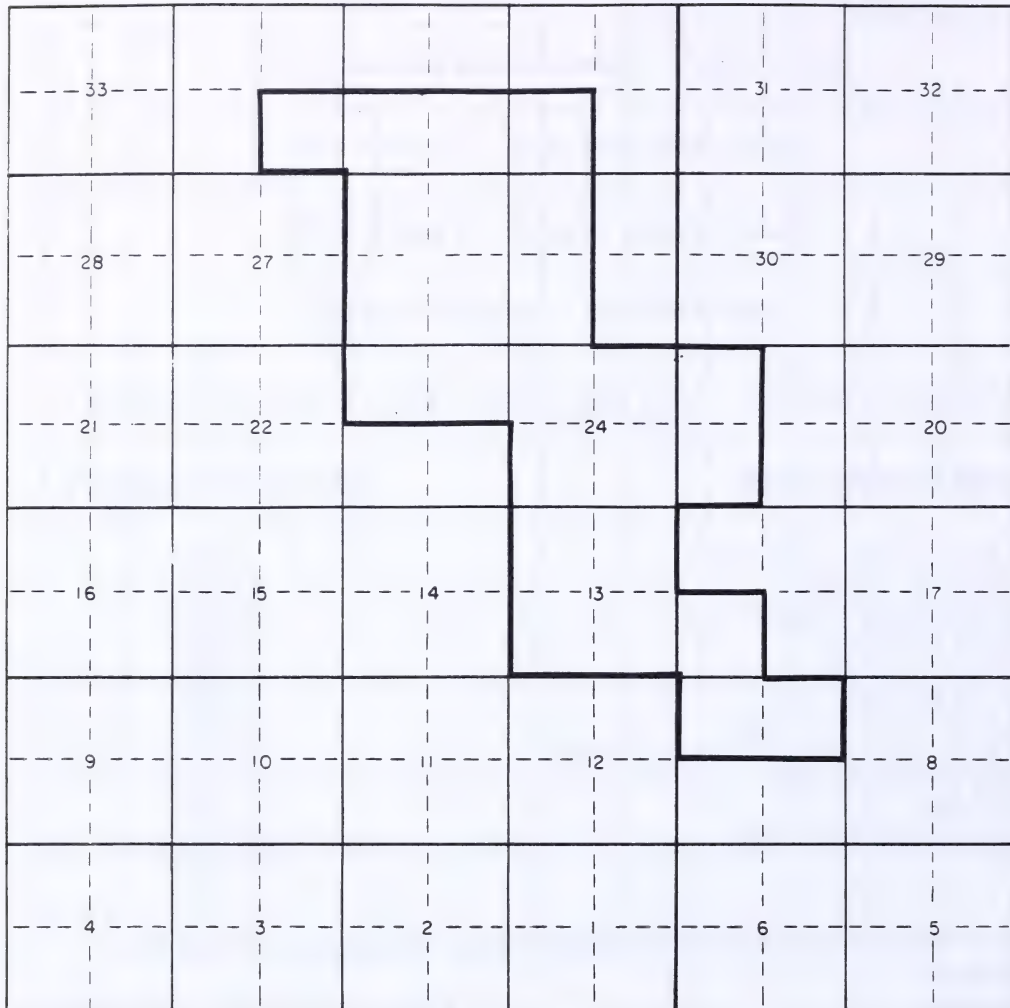
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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CYNTHIA CARDIUM UNIT NO. 4



INITIAL EFFECTIVE DATE- 1 MARCH 1973

UNIT OPERATOR- TEXACO CANADA RESOURCES

DRUMHELLER BASAL QUARTZ GAS UNIT NO. 1

Located in the Drumheller Field

Unit Operator - Dome Petroleum Limited

Initial Effective Date - 1 November 1968

Participation Revised - 1 December 1988

*Unitized Zone - Basal Quartz Formation

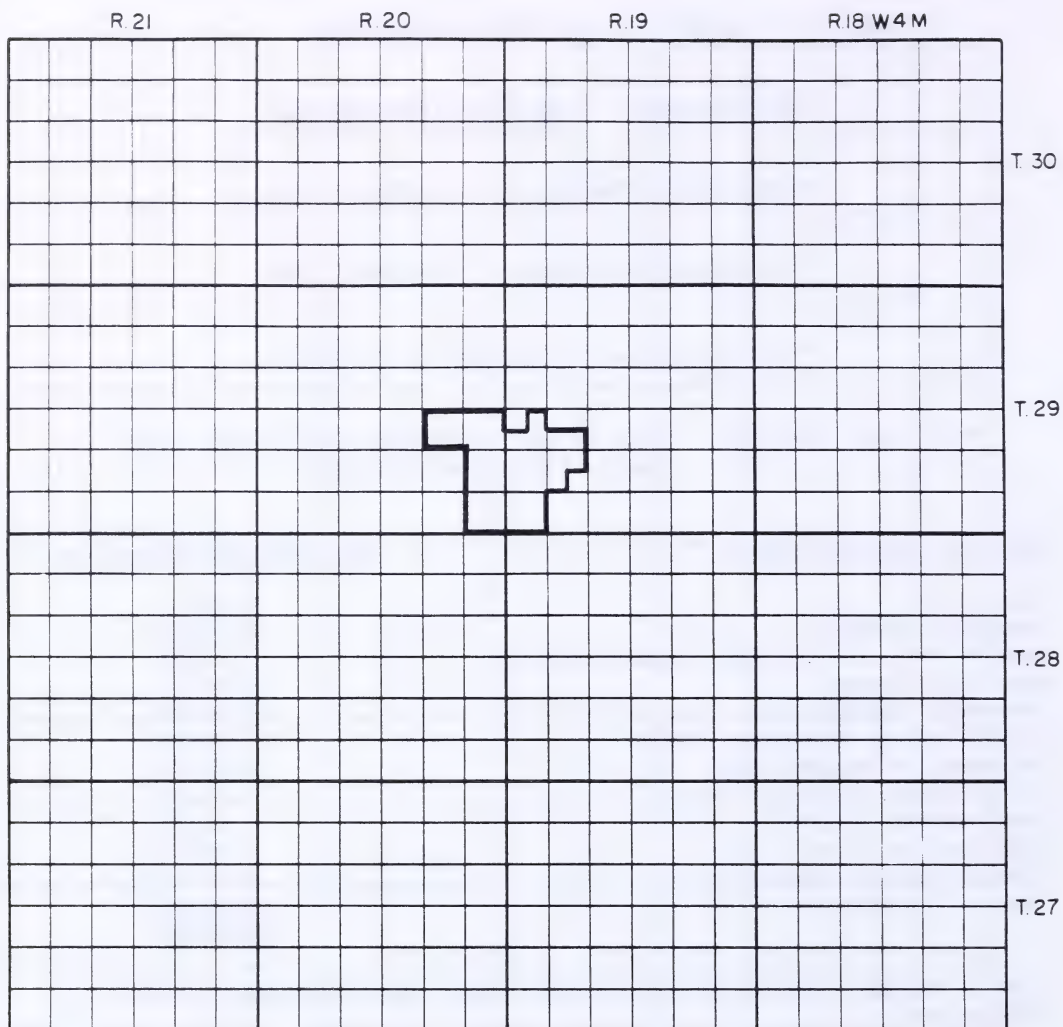
*Unitized Substance - Natural gas and associated hydrocarbons
(except petroleum and coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Atcor Ltd.	5.68742
Norman L. Easley	0.08203
Hudson's Bay Oil and Gas Company Limited	7.25652
Mobil Oil Canada	11.37482
Musketeer Energy Ltd.	62.82338
Norcen Energy Resources Limited	1.43948
Okanagan Petroleums, Ltd.	0.46356
Petro-Canada Inc.	4.43618
Shell Canada Limited	5.68742
Twin Richfield Oils Ltd.	0.28436
Voyager Energy Company	0.19140
Stewart M. Whipple	0.27343
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

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DRUMHELLER BASAL QUARTZ GAS UNIT NO.1

INITIAL EFFECTIVE DATE-1 NOVEMBER 1968

UNIT OPERATOR - DOME PETROLEUM LIMITED



DUNVEGAN GAS UNIT NO. 1

Located in the Dunvegan Field

Unit Operator - Anderson Exploration Ltd.

Initial Effective Date - 1 August 1973

Participation Revised - 1 March 1989

*Unitized Zone - Paddy, Cadotte, Notikewin, Bluesky-Bullhead, Upper Debolt, Middle Debolt, and Lower Debolt

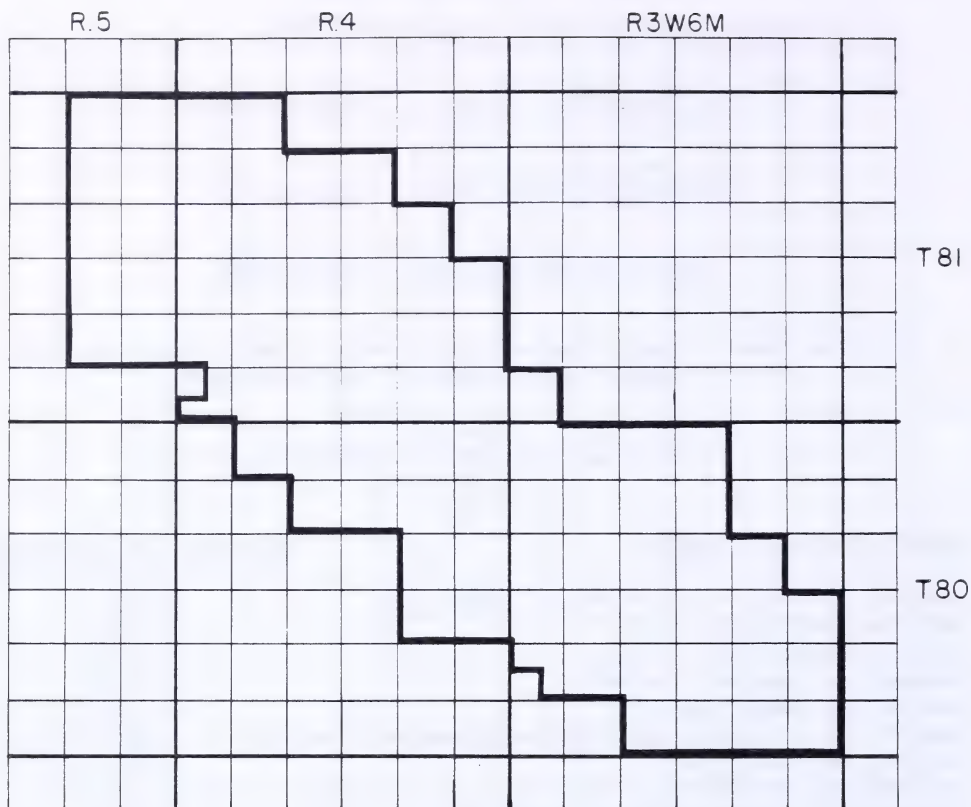
*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amerada Minerals Corporation of Canada Ltd.	4.06579
Anderson Exploration Ltd.	47.49352
Ardee Resources Ltd.	0.55263
Barnwell of Canada, Limited	13.53471
Bow Valley Industries Ltd.	0.09307
The British Columbia Sugar Refining Company Limited	0.99994
Central Explorers Inc.	1.66127
Colonial Oil & Gas Ltd.	6.43968
Columbia Gas Development of Canada Ltd.	0.58537
Corvair Oils Ltd.	2.38941
Cumulus Investments Ltd.	0.69999
DEB Resources 1988	0.37700
Dome Petroleum Limited	0.09307
Paloma Petroleum Ltd.	4.29314
Pengrowth Gas Corporation	2.65070
TN Resources Partnership	1.90594
Unocal Canada Resources	5.36268
W. F. Brown Exploration Ltd.	3.21985
Yeti Contractors Ltd.	0.50133
119307 Exploration Ltd.	2.57958
389592 Alberta Ltd.	0.50133
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



DUNVEGAN GAS UNIT NO. 1



INITIAL EFFECTIVE DATE - 1 AUGUST 1973

UNIT OPERATOR - ANDERSON EXPLORATION LTD.

SOUTH EDSON GAS UNIT NO. 1

Located in the Edson Field

Unit Operator - Petro-Canada Inc.

Initial Effective Date - 1 January 1967

Participation Revised - 1 January 1989

*Unitized Zone - Turner Valley Formation

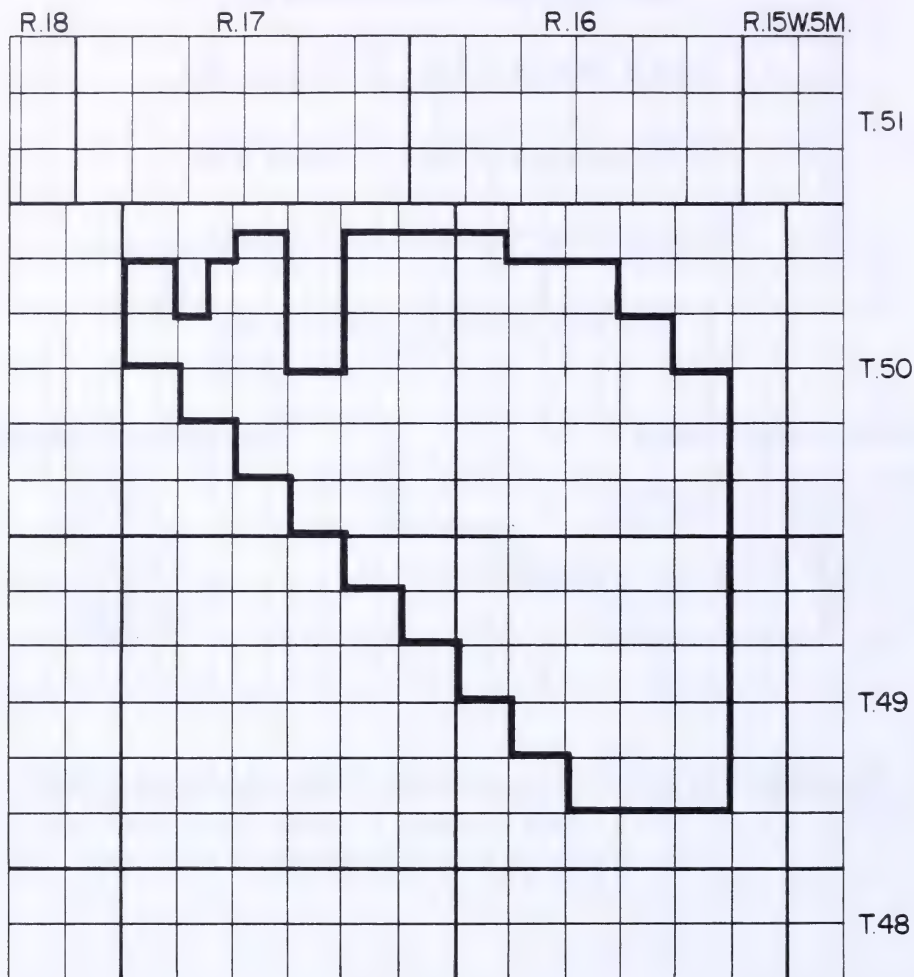
*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Altana Exploration Company	1.57339
Canadian Superior Oil Ltd.	7.39336
Petro-Canada Inc.	70.10840
Royal Trust Energy Resources II Corporation	13.96125
Suncor Inc.	6.96360
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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SOUTH EDSON GAS UNIT NO. 1

INITIAL EFFECTIVE DATE - 1 JANUARY 1967

UNIT OPERATOR - PETRO-CANADA INC.



ERSKINE GAS UNIT NO. 1

Located in the Erskine Field

Unit Operator - Gulf Canada Resources Limited

Initial Effective Date - 1 July 1965

Participation Revised - 1 March 1989

*Unitized Zone - Basal Blairmore

*Unitized Substance - Natural gas and other hydrocarbons (except crude oil and coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Alta-Canada Corporation	6.04555
Blair Oil Company	1.64895
Denton Energy Ltd.	0.18322
Dome Petroleum Limited	2.24499
Enerplus Resources Corporation	0.91341
Esprit Resources Ltd.	0.41281
First Canada Financial Corporation Limited	0.09644
Gulf Canada Resources Limited	38.12635
Harvard International Resources Ltd.	0.91342
Home Oil Company Limited	19.22739
Inter-Rock Oil Company of Canada	0.42408
Knee Hill Energy Canada Ltd.	0.06714
Luscar Ltd.	0.21976
Minaki Minerals Ltd.	1.10376
Mobil Oil Canada	2.74677
Norcen Energy Resources Limited	12.33999
Scurry-Rainbow Oil Limited	3.67381
Sharata Resources Limited	0.06429
Texaco Canada Inc.	0.50653
Texaco Canada Resources	5.24072
Total Petroleum Canada Ltd.	3.69608
United Reef Petroleums	0.10454
	<u>100.00000</u>

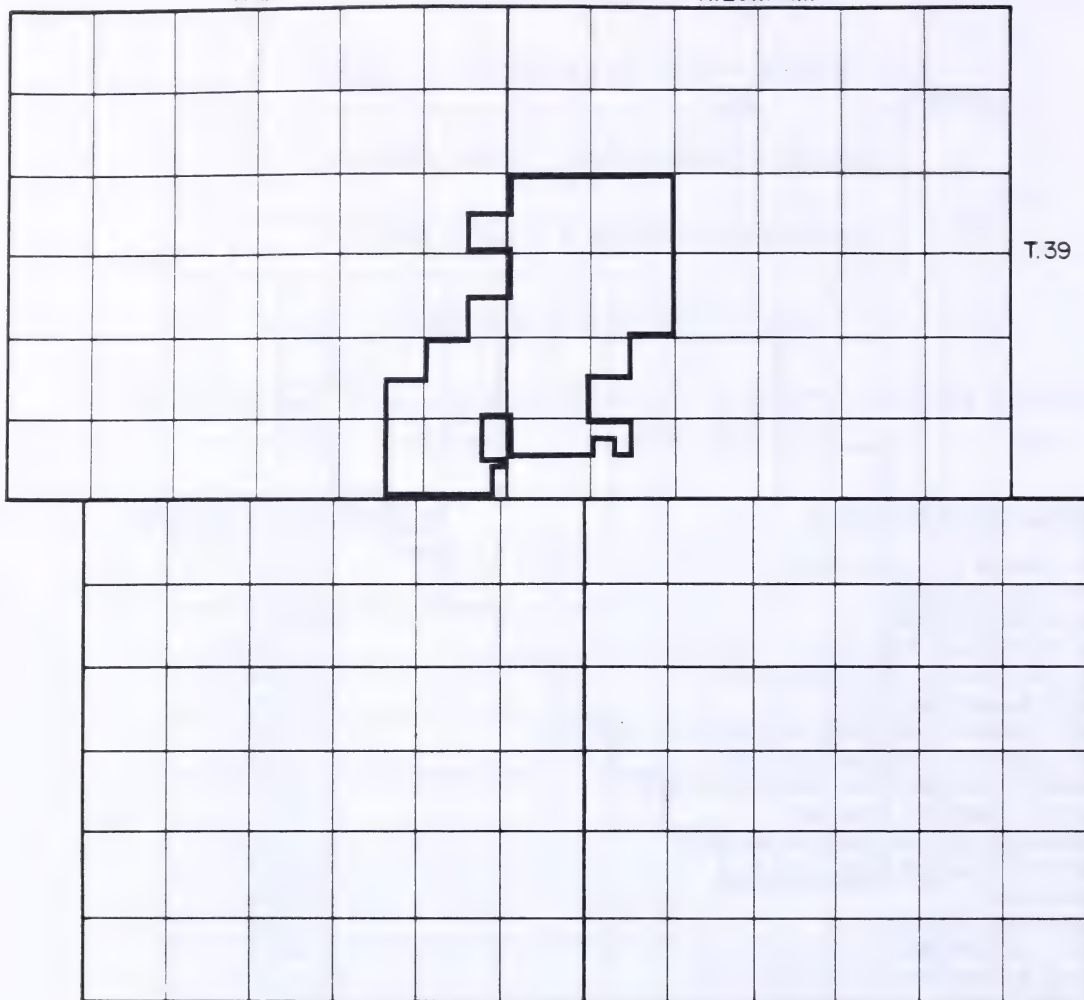
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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ERSKINE GAS UNIT NO.1



INITIAL EFFECTIVE DATE- 1 JULY 1965

UNIT OPERATOR- GULF CANADA RESOURCES LIMITED

FENN-BIG VALLEY VIKING GAS UNIT NO. 1

Located in the Fenn-Big Valley and Fenn West Fields

Unit Operator - Gulf Canada Resources Limited

Initial Effective Date - 1 May 1980

Participation Revised - 1 March 1989

*Unitized Zone - Viking Formation

*Unitized Substance - Natural gas

Working Interest Owners

Per Cent Participation

Adeco Drilling and Engineering Co. Ltd.	0.25935
Albert Allison c/o National Trust	0.94778
Anned Resources Ltd.	0.12965
Bellport Resources Ltd.	0.02899
Carolyn M. Bryan	0.00500
Carbon Resources Limited Partnership	0.04055
**Claymore Minerals Ltd.	1.96275
Corexcal, Inc.	0.49817
Danjolyn Resources Ltd.	0.02898
Dome Petroleum Limited	0.00195
Encor Energy Corporation Inc.	1.29600
Enerplus Resources Corporation	2.16995
Esso Resources Canada Limited	1.19709
First Calgary Petroleums Ltd.	0.57293
Gulf Canada Resources Limited	22.19162
Hudson's Bay Oil and Gas Company Limited	1.46311
Husky Oil Operations Ltd.	1.27690
J. M. Huber Corporation	0.68010
Kerr-McGee Corporation	2.31238
Lario Oil & Gas Company	3.03792
Lintus Resources Ltd.	0.08500
Mohawk Oil Co. Ltd.	4.43753
Gail F. Moulton Jr.	0.00499
Willis R. Moulton	0.00499
Nicolas Gas & Oil Ltd.	2.13342
Oriole Energy Eastern Ltd.	1.97385
Pacific Lighting Exploration Company	0.99634
PanCanadian Petroleum Limited	22.38722
Pembina Resources Limited	2.56496

Working Interest OwnersPer Cent Participation

Penn West Petroleum Ltd.	0.00172
PensionFund Energy Resources Limited	2.36945
Petrorep (Canada) Ltd.	0.49818
Phillips Petroleum Canada Ltd.	0.48030
Ranger Oil Limited	9.70105
Shell Canada Limited	2.10300
Teepee Petroleums Ltd.	1.97385
Texaco Canada Resources	2.87665
Venwest Resources Limited	2.16995
Western D'Eldona Resources Limited	1.42167
Westmin Resources Limited	0.03268
154799 Canada Oil & Gas Properties Inc.	0.35107
212082 Holdings Ltd.	0.02898
343508 Alberta Ltd.	1.30198
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

**In Receivership with Deloitte Haskins & Sells Limited (as Receiver Manager)

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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FENN-BIG VALLEY VIKING GAS UNIT NO.1



INITIAL EFFECTIVE DATE - 1 MAY 1980

UNIT OPERATOR - GULF CANADA RESOURCES LIMITED

GHOST PINE UNIT

Located in the Ghost Pine and Drumheller Fields

Unit Operator - Gulf Canada Resources Limited

Initial Effective Date - 6 November 1967

Participation Revised - 1 March 1989

*Unitized Zone - Basal Belly River, Viking, Upper Mannville, Glauconite,
Basal Quartz, Pekisko and Banff

*Unitized Substance - Gas

Working Interest Owners

Per Cent Participation

Adanac Oil & Gas Limited	0.002990
Amerada Minerals Corporation of Canada Ltd.	4.215394
Atcor Ltd.	0.491540
Baxter Lake Holding Company Limited	0.021516
BHP Petroleum (Canada) Inc.	1.590265
Black Cat Oil and Gas Limited	0.155407
Bow River Pipelines Ltd.**	1.301130
BP Resources Canada Limited	3.513275
Chevron Canada Resources	0.144560
Dome Petroleum Limited	2.216703
Gulf Canada Resources Limited	28.847378
J.M. Huber Corporation	4.919198
Hudson's Bay Oil and Gas Company Limited	3.455211
Husky Oil Operations Ltd.	1.734850
Lambda Resources Ltd.	0.005782
Mobil Oil Canada	4.217904
Murphy Oil Company Ltd.	3.034883
Norcen Energy Resources Limited	9.895417
Bryan W. Payne	3.538548
Pembina Resources Limited	14.383245
Petro-Canada Inc.	0.467131
Prairie Oil Royalties Company Ltd.	1.368501

Working Interest OwnersPer Cent Participation

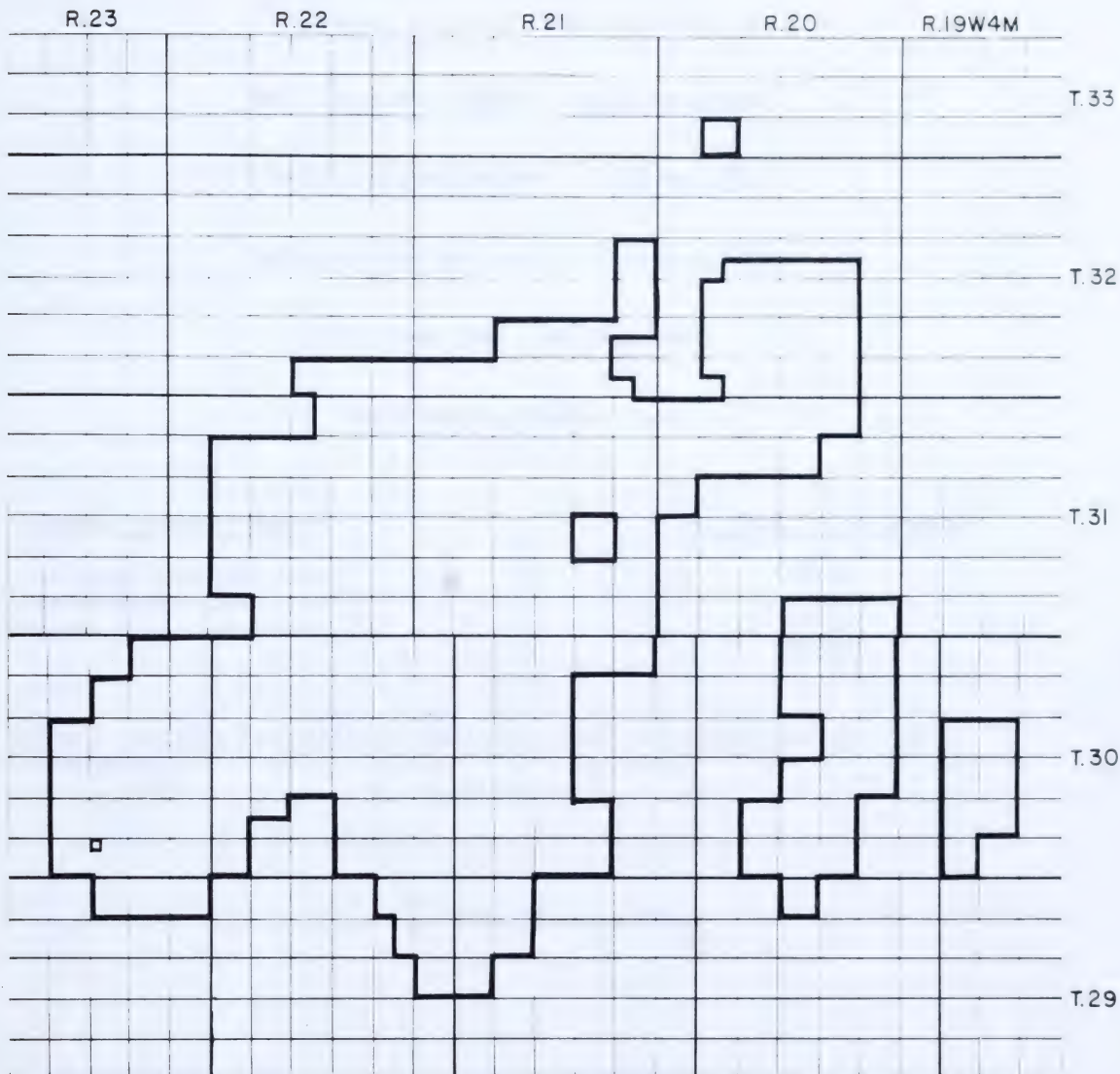
Sabre Energy Ltd.	1.776341
Scotia Oils Limited	0.216850
Spruce Hills Production Company, Inc.	1.769274
Suncor Inc.	6.606840
Westair Resources Ltd.	0.109867
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

**Koch Exploration Canada, Ltd. is agent

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



GHOST PINE UNIT

INITIAL EFFECTIVE DATE - 6 NOVEMBER 1967

UNIT OPERATOR - GULF CANADA RESOURCES LIMITED



GREENCOURT EAST GAS UNIT NO. 1

Located in the Greencourt Field

Unit Operator - Texaco Canada Resources

Initial Effective Date - 12 June 1975

Participation Revised - 1 February 1989

*Unitized Zone - Nordegg Zone

*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Centipede Holdings Ltd.	47.50
Petro-Canada Inc.	5.00
Texaco Canda Resources	47.50
	<u>100.00</u>

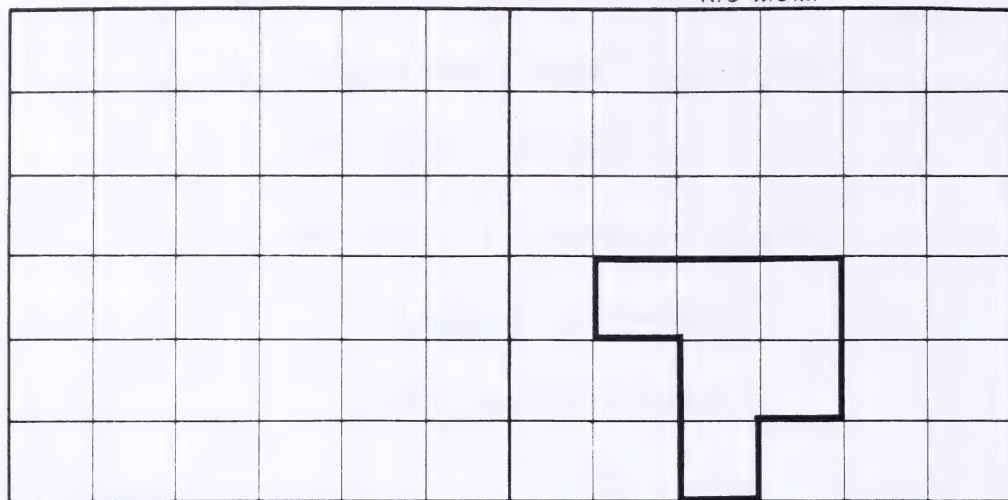
*For a complete definition of unitized zones and substances see Unit Documents

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ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.9

R.8 W.5M.



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GREENCOURT EAST GAS UNIT NO. 1

INITIAL EFFECTIVE DATE - 12 JUNE 1975

UNIT OPERATOR - TEXACO CANADA RESOURCES



HARMATTAN-ELKTON UNIT NO. 1

Located in the Harmattan-Elkton Field

Unit Operator - Canadian Superior Oil Ltd.

Initial Effective Date - 1 December 1960

Participation Revised - 1 July 1988

*Unitized Zone - Mississippian Formation

*Unitized Substance - Oil, Solution gas, gas cap gas and condensate

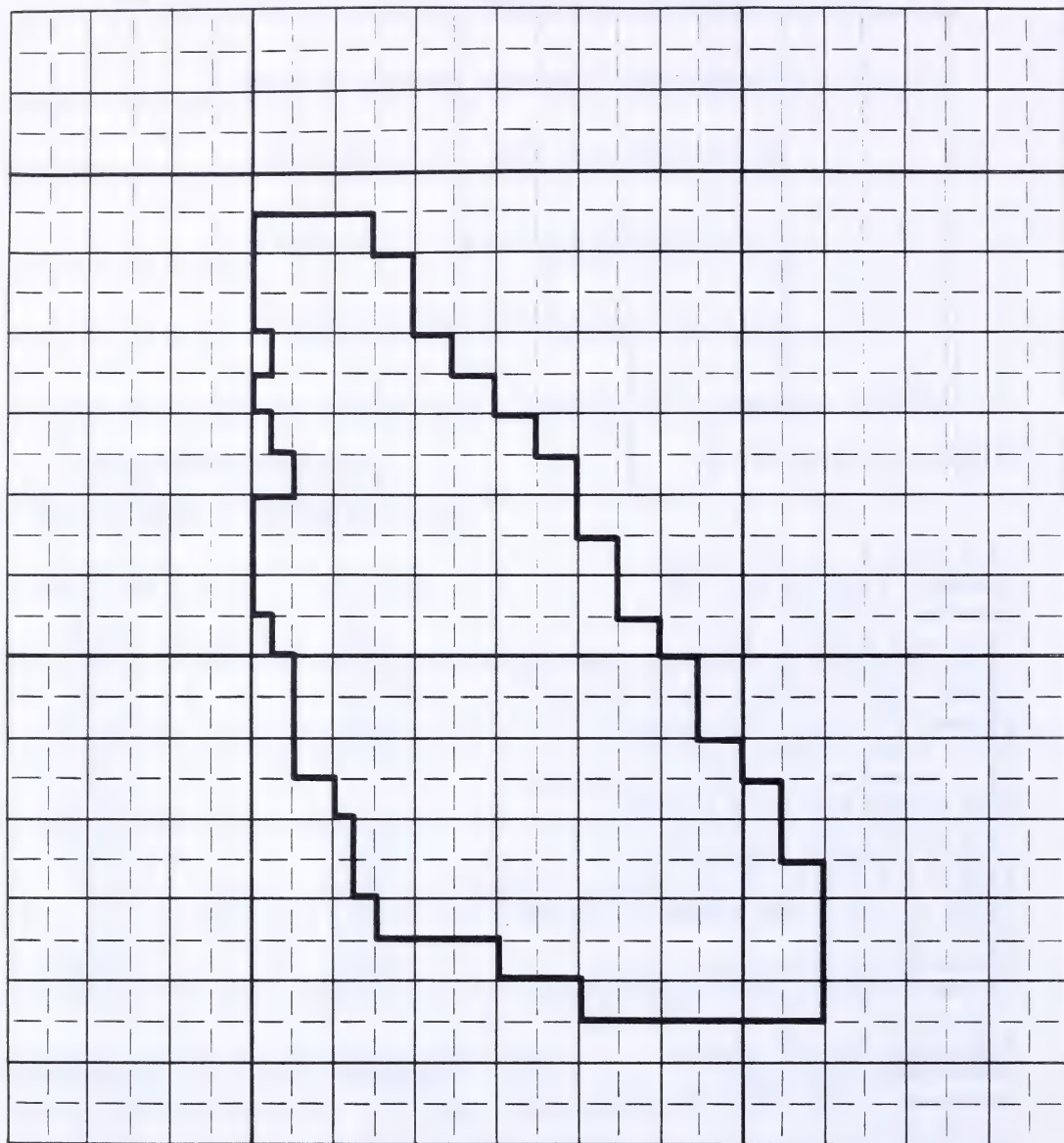
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>	
	<u>Gas Cap Gas & Condensate</u>	<u>Oil & Solution Gas</u>
BP Resources Canada Limited	5.5445	2.8536
Canadian Superior Oil Ltd.	41.1141	27.8609
Can-Tex Producing Company Ltd.	1.7285	0.0282
Centipede Holdings Ltd.	0.1441	3.0421
Comaplex Resources International Ltd.	0.6319	0.2951
Conwest Exploration Company Limited	0.1524	0.2592
Conwest Petroleum Corporation	0.0381	0.0648
Encor Energy Corporation Inc.	0.0862	0.1571
First Guardian Petroleum Corporation	—	0.0692
Gulf Canada Resources Limited	7.4279	3.9453
Harvard International Resources Ltd.	0.2239	4.9066
Home Oil Company Limited	9.2736	20.5195
Hudson's Bay Oil and Gas Company Limited	9.3532	6.2197
David M. Kovitz and Joseph S. Barron	0.2681	—
Mobil Oil Canada	0.0798	1.8645
Norcen Energy Resources Limited	8.4309	3.6128
Northern Development Company Limited (N.P.L.)	2.9868	1.3773
Scurry-Rainbow Oil Limited	0.3757	2.2755
Shell Canada Limited	12.1072	16.2106
Southmark Acquisitions Canada Ltd.	—	0.2075
Suncor Inc.	—	0.8298
Total Petroleum Canada Ltd.	0.0331	3.4007
	<u>100.0000</u>	<u>100.0000</u>

*For a complete definition of unitized zones and substances
see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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UNIT OPERATOR - CANADIAN SUPERIOR OIL LTD.

HARMATTAN LEDUC UNIT NO. 1

Located in the Harmattan Elkton Field

Unit Operator - Canadian Superior Oil Ltd.

Initial Effective Date - 1 December 1965

Participation Revised - 1 July 1988

*Unitized Zone - Leduc Formation

*Unitized Substance - Petroleum, Natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
BP Resources Canada Limited	0.59829
Canadian Superior Oil Ltd.	43.82460
Can-Tex Producing Company Ltd.	1.78698
Comaplex Resources International Ltd.	0.27697
Gulf Canada Resources Limited	2.26872
Harvard International Resources Ltd.	0.19136
Home Oil Company Limited	15.08568
Hudson's Bay Oil and Gas Company Limited	1.39924
Mobil Oil Canada	0.19136
Norcen Energy Resources Limited	2.07771
Northern Development Company Limited	0.79708
Shell Canada Resources Inc.	<u>31.50201</u>
	100.00000

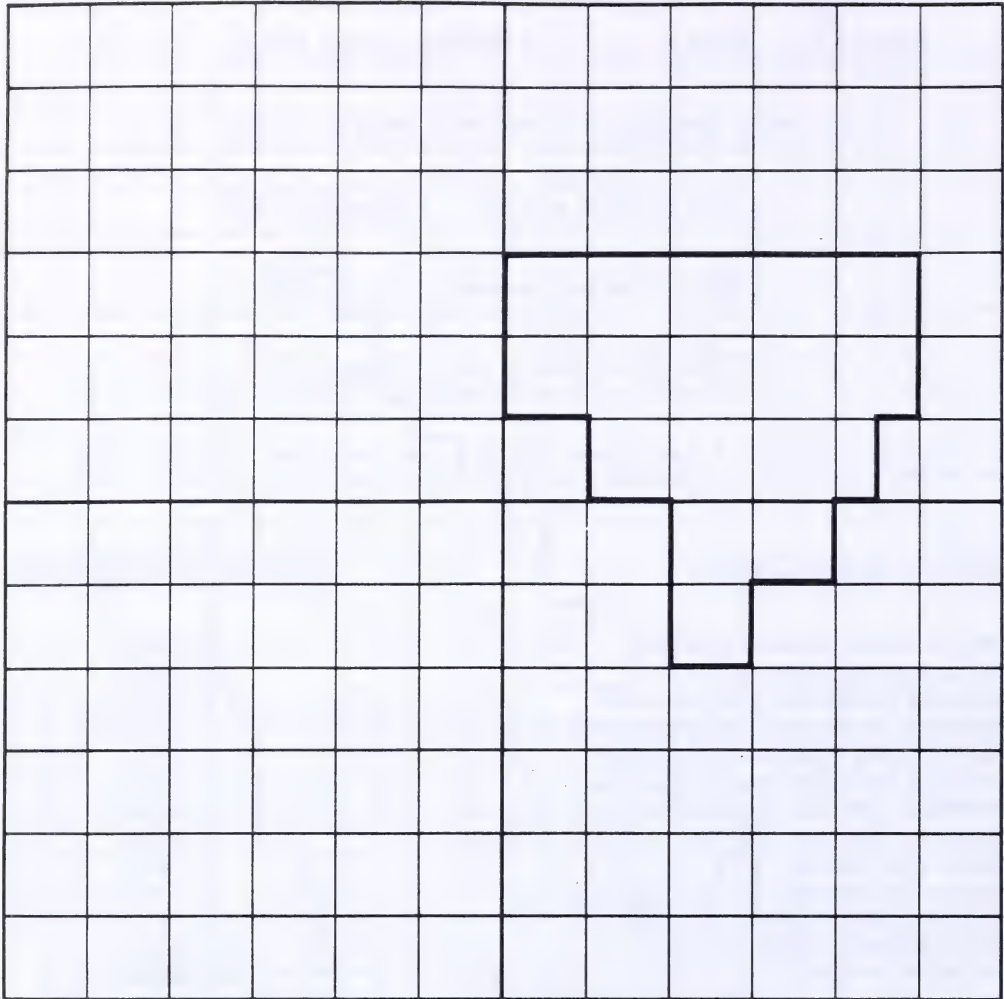
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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R.4W.5M.



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INITIAL EFFECTIVE DATE - 1 DECEMBER 1965

UNIT OPERATOR - CANADIAN SUPERIOR OIL LTD.

HUXLEY GAS UNIT NO. 1

Located in the Huxley Field

Unit Operator - Sceptre Resources Limited

Initial Effective Date - 1 June 1972

Participation Revised - 4 January 1989

*Unitized Zone - Viking, Glauconite and Basal Quartz Formations

*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	6.316229
Canadian Natural Resources Limited	5.659789
Comaplex Resources International Ltd.	5.675405
Copetrex Oil & Gas Co. Ltd.	2.837703
Corexcal, Inc.	1.313157
Dorset Energy Corporation	2.270162
Hudson's Bay Oil and Gas Company Limited	3.072228
Husky Oil Operations Ltd.	5.433497
Kerr McGee Corporation	0.713542
Martin, Antia M.	1.135082
McFeely, Marian E.	1.135082
McFeely, Michael B.	1.702624
Mobil Oil Canada Ltd.	3.716093
NCE Oil & Gas (86-1) Ltd.	2.270162
Noramco Mining Corporation	0.572138
Pacific Enterprises Oil Company	2.626319
PanCanadian Petroleum Limited	16.902579
Petrorep (Canada) Ltd.	1.313157
Reco Management Enterprises Ltd.	2.270162
Sceptre Resources Limited	18.321178
Sunlite Oil Company Limited	2.698044
Trilogy Resources Corporation	3.659240
Universal Explorations Ltd.	2.626323
Westcoast Petroleum Ltd.	5.760105
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

JOARCAM VIKING UNIT NO. 3

Located in the Joarcam Field

Unit Operator - Esso Resources Canada Limited

Initial Effective Date - 1 February 1967

Participation Revised - 1 February 1989

*Unitized Zone - Viking Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

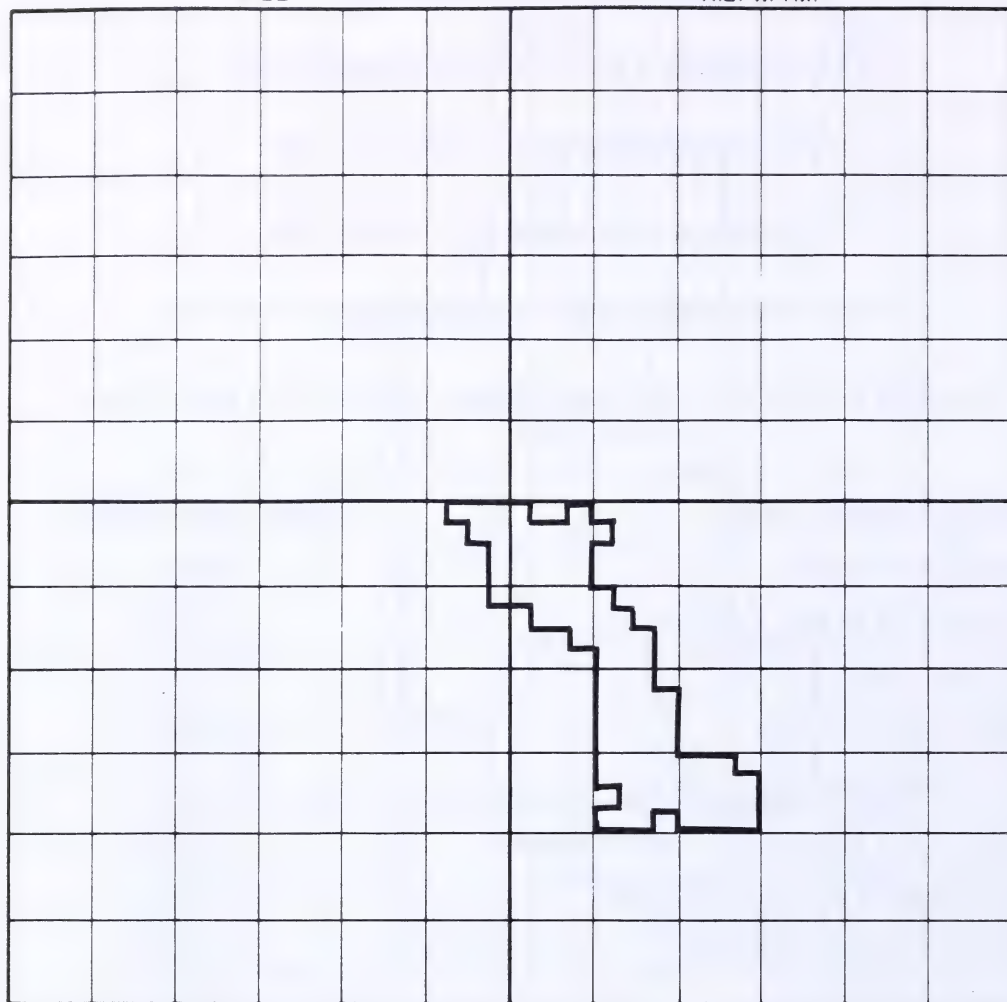
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Bounty Developments Ltd.	0.282400
Bow Valley Industries Ltd.	2.088650
BP Resources Canada Limited	2.219465
Conwest Petroleum Corporation	0.093400
Drillmex Limited	0.057563
Encor Energy Corporation Inc.	0.064641
Esprit Resources Ltd.	0.529172
Esso Resources Canada Limited	32.908283
Gulf Canada Resources Limited	28.341429
Home Oil Company Limited	0.667000
Hudson's Bay Oil and Gas Company Limited	1.916567
Husky Oil Operations Ltd.	2.695913
Norcen Energy Resources Limited	1.239670
PanCanadian Petroleum Limited	9.488312
Pembina Resources Limited	2.393397
Petro-Canada Inc.	2.536750
Polaris Petroleums Ltd.	8.823601
Shell Canada Limited	0.705563
Total Petroleum Canada Ltd.	2.524624
338332 Alberta Inc.	0.423600
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

R.22

R.21 W.4M.



T.50

T.49

JOARCAM VIKING UNIT NO. 3



INITIAL EFFECTIVE DATE - 1 FEBRUARY 1967

UNIT OPERATOR - ESSO RESOURCES CANADA LIMITED

JOFFRE D-2 UNIT NO. 1

Located in the Joffre Field

Unit Operator - Esso Resources Canada Limited

Initial Effective Date - 1 November 1969

Participation Revised - 1 January 1989

*Unitized Zone - Nisku Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

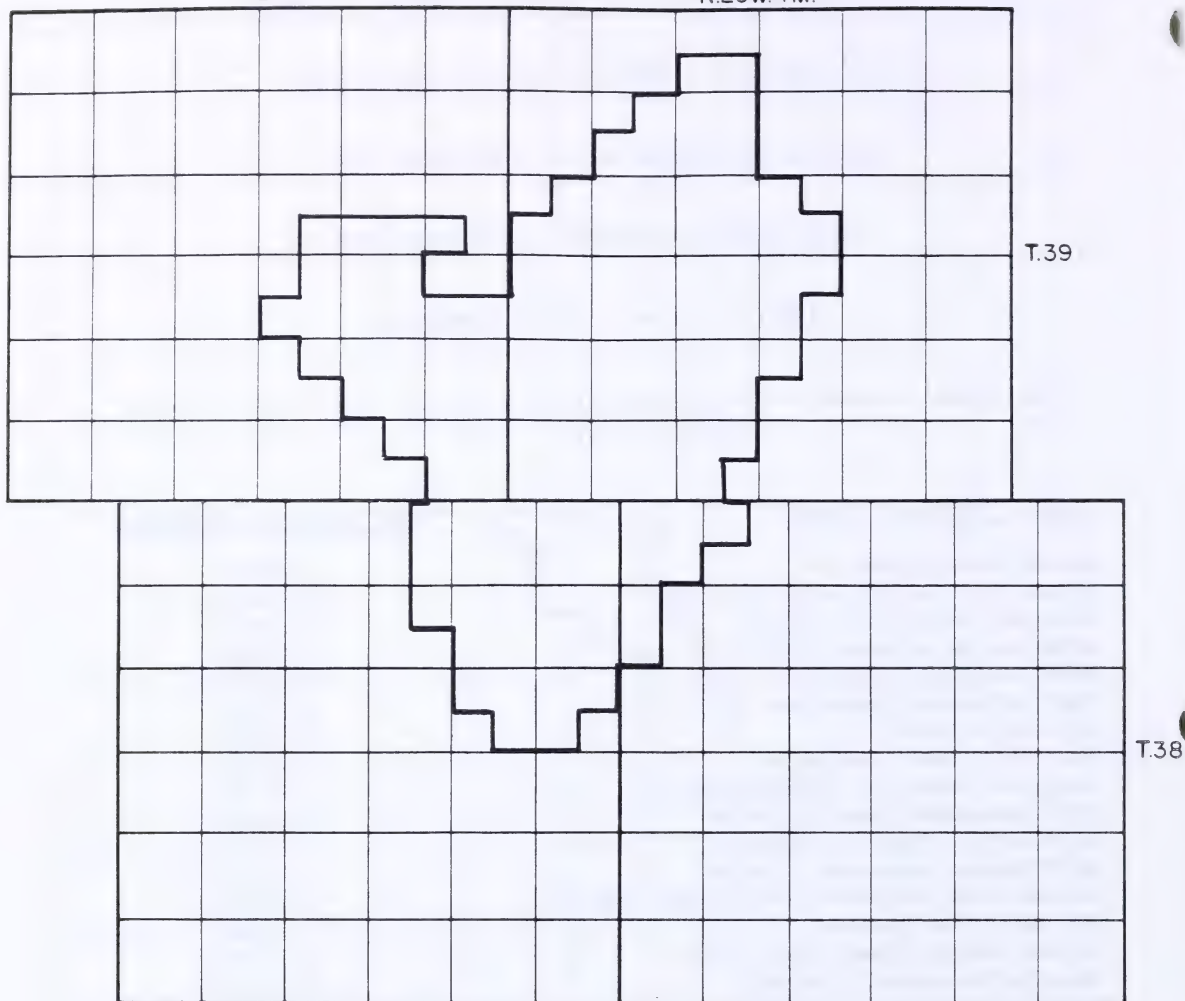
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Balmer Enterprises Inc.	0.20226
Canada Northwest Energy Limited	0.48280
Canadian Superior Oil Ltd.	8.29427
Caroline Petroleums (1985) Ltd.	0.15688
Chair Holdings Limited	3.96651
Chevron Canada Resources	18.99677
Daisy Oils Ltd.	0.47296
Dome Petroleum Limited	2.67721
Enerplus Resources Corporation	0.07932
Esso Resources Canada Limited	28.60011
Gardiner Oil and Gas Limited	0.12203
Gulf Canada Resources Limited	1.37949
Hudson's Bay Oil and Gas Company Limited	3.40102
New York Oils Limited	0.40203
Norcen Energy Resources Limited	2.75344
Pembina Resources Limited	0.60569
Petro-Canada Inc.	7.70335
Ranger Oil Limited	2.51793
Scurry-Rainbow Oil Limited	0.41111
Shell Canada Limited	4.32411
Suncor Inc.	7.18575
Texaco Canada Resources	2.80375
Total Petroleum Canada Ltd.	1.54280
Unocal Canada Limited	0.91841
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.26W.4M.



ERC

UNIT OPERATOR- ESSO RESOURCES CANADA LIMITED

JOFFRE VIKING SAND UNIT NO. 3

Located in the Haynes Field

Unit Operator - Bow Valley Industries Ltd.

Initial Effective Date - 1 September 1977

Participation Revised - 8 August 1988

*Unitized Zone - Viking Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Bluesky Oil & Gas Limited	5.24976
Bow Valley Industries Ltd.	54.98603
Canada Northwest Energy Limited	2.54352
Dorset Resources Ltd.	24.04685
Marjan Investment Ltd.	0.36336
PanCanadian Petroleum Limited	12.81048
	<u>100.00000</u>

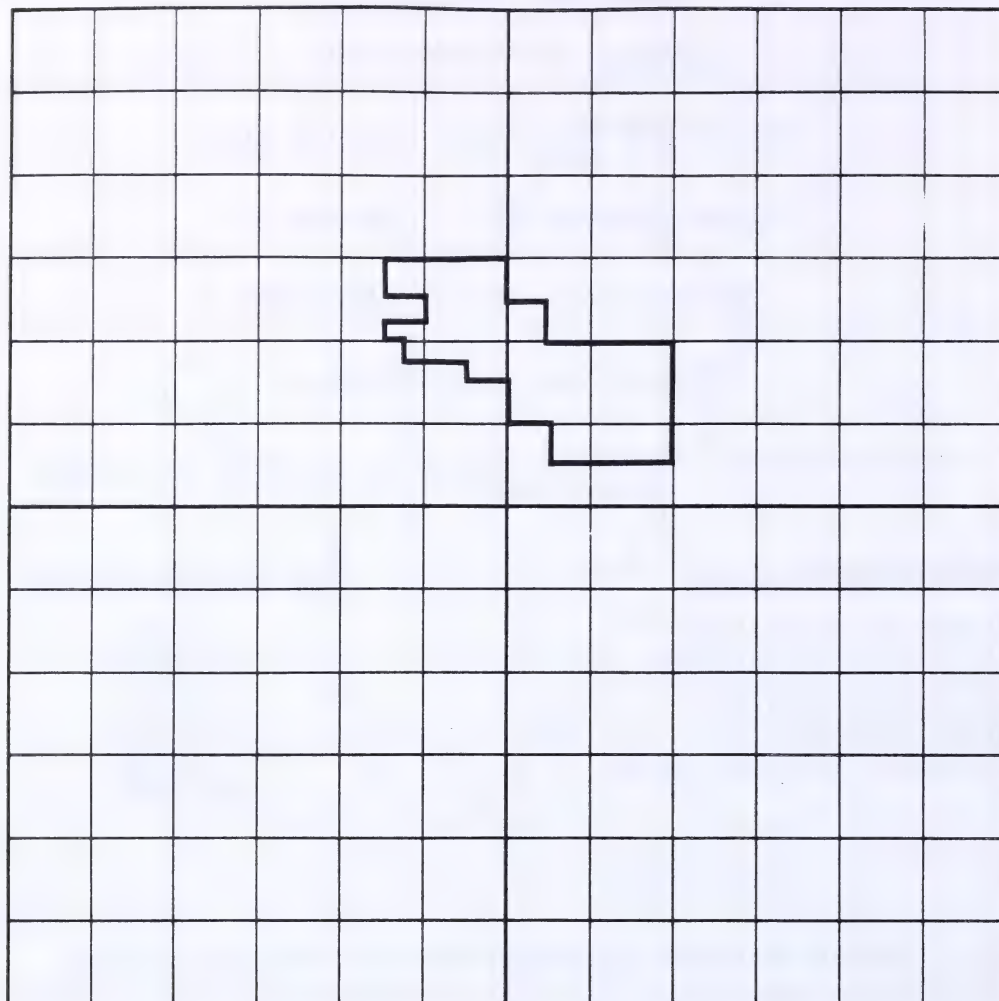
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.25

R.24 W.4 M.



T.38

T.37

JOFFRE VIKING SAND UNIT NO.3

INITIAL EFFECTIVE DATE - 1 SEPTEMBER 1977

UNIT OPERATOR - BOW VALLEY INDUSTRIES LTD.



KAYBOB NOTIKEWIN UNIT NO. 1

Located in the Kaybob Field

Unit Operator - Petro-Canada Inc.

Initial Effective Date - 1 May 1963

Participation Revised - 1 January 1989

*Unitized Zone - Notikewin Pool

*Unitized Substance - Natural gas

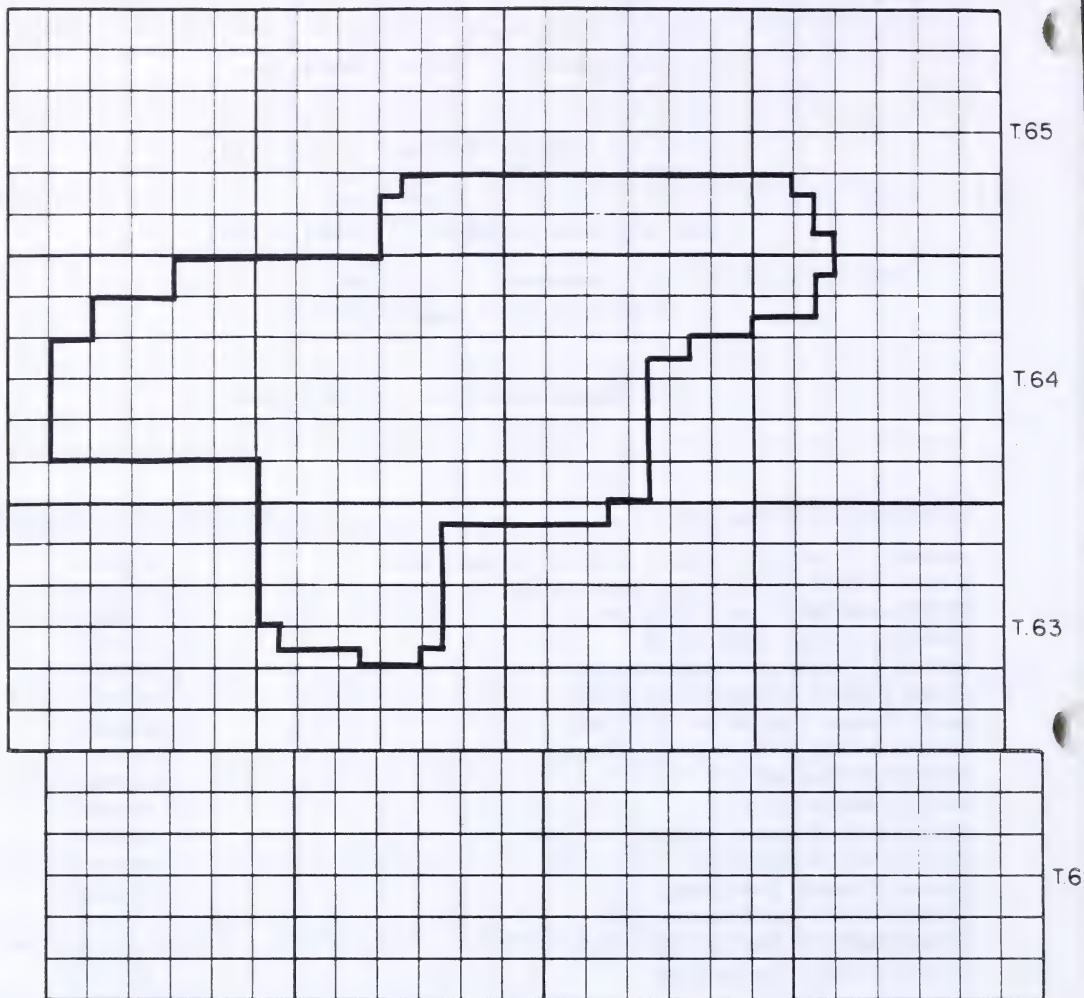
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amerada Minerals Corporation of Canada Ltd.	1.739899
Amoco Canada Petroleum Company Ltd.	1.596443
BP Resources Canada Limited	5.700896
Chevron Canada Resources	30.824984
Conwest Petroleum Corporation	0.004602
Encor Energy Corporation Inc.	3.091211
Gulf Canada Resources Limited	21.014900
Hudson's Bay Oil and Gas Company Limited	0.263962
Mobil Oil Canada	5.207060
Petro-Canada Inc.	22.600280
Petroterra Natural Resources Ltd.	2.346378
Shell Canada Limited	0.354885
Texaco Canada Resources	1.198304
Total Petroleum Canada Ltd.	1.111907
Union Pacific Resources Inc.	2.360519
Unocal Canada Resources	0.583770
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.17W5M

**ERC**

UNIT OPERATOR- PETRO-CANADA INC.

KAYBOB SOUTH BEAVERHILL LAKE GAS UNIT NO. 1

Located in the Kaybob South Field

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 19 December 1967

Participation Revised - 1 January 1989

*Unitized Zone - Beaverhill Lake Formation

*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Chevron Canada Resources Limited	17.625199
Gulf Canada Corporation	1.921289
Hudson's Bay Oil and Gas Company Limited	35.563065
Mobil Oil Canada	9.296802
Placer CEGO Petroleum Limited	0.030580
Unocal Canada Resources	35.563065
	<u>100.000000</u>

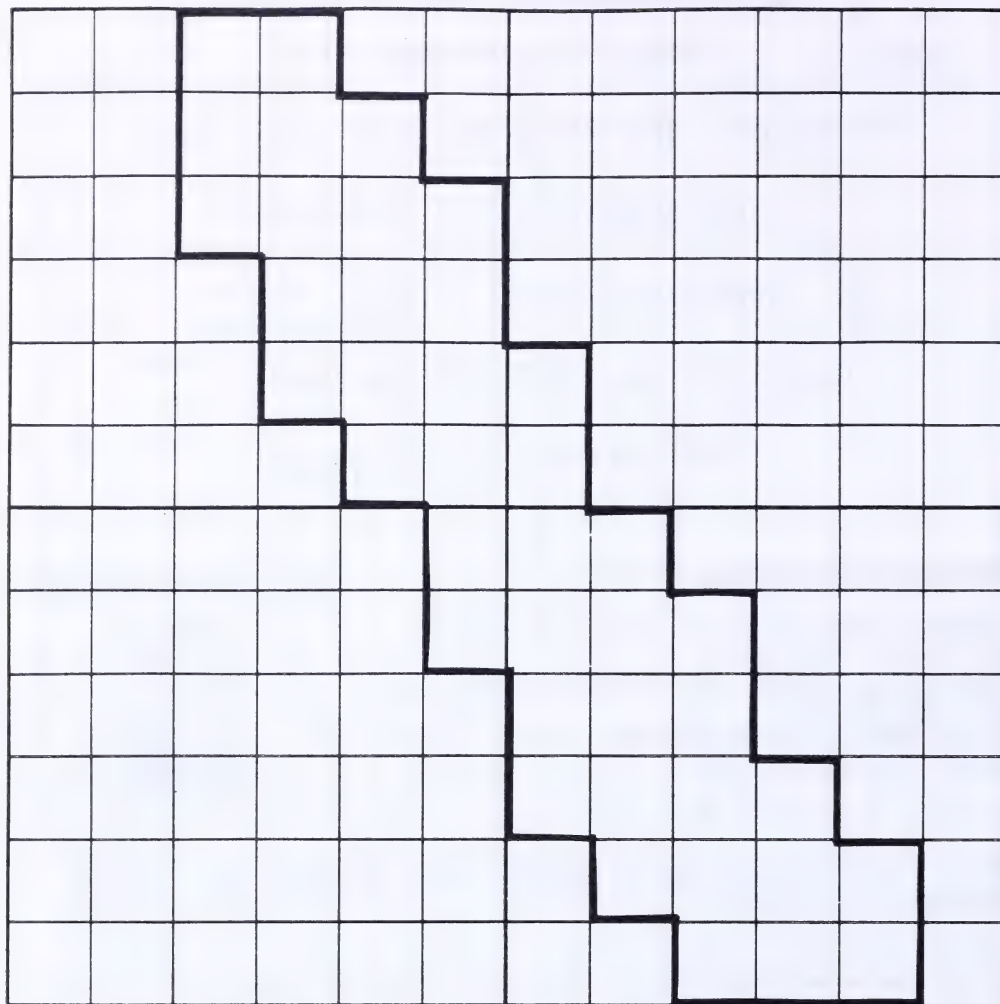
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.20

R.19W.5M.



T.62

T.61

KAYBOB SOUTH BEAVERHILL LAKE GAS UNIT NO.1



INITIAL EFFECTIVE DATE - 19 DECEMBER 1967

UNIT OPERATOR - HUDSON'S BAY OIL AND GAS COMPANY LIMITED

KILLAM CAMERON SAND UNIT

Located in the Killam Field

Unit Operator - Husky Oil Operations Ltd.

Initial Effective Date - 14 September 1976

Participation Revised - 1 February 1989

*Unitized Zone - Cameron Sand Formation

*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canterra Energy Ltd.	2.33893
Dome Petroleum Limited	10.02548
Hudson's Bay Oil and Gas Company Limited	27.50960
Husky Oil Operations Ltd.	37.44897
Maligne Resources A Division of DCP Canada Inc.	2.15365
Sceptre Resources Limited	12.92185
Scurry-Rainbow Oil Limited	7.60152
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.12

R.13 W.4 M.



T.43



T.42

KILLAM CAMERON SAND UNIT



INITIAL EFFECTIVE DATE - 14 SEPTEMBER 1976

UNIT OPERATOR - HUSKY OIL OPERATIONS LTD.

LEDUC-WOODBEND D-2 UNIT

Located in the Leduc-Woodbend Field

Unit Operator - Esso Resources Canada Limited

Initial Effective Date - 1 October 1960

Participation Revised - 1 March 1989

*Unitized Zone - Nisku D-2 Formation

*Unitized Substance - Crude oil, natural gas, condensate and all other hydrocarbons (except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Adanac Oil & Gas Limited	0.07420
Bankeno Resources Limited	0.09070
Bow Valley Industries Ltd.	0.50960
Canadian Superior Oil Ltd.	0.93306
Centipede Holdings Ltd.	0.45250
Chevron Canada Resources	0.39120
Enerplus Resources Corporation	1.69920
Esso Resources Canada Limited	72.20710
Guaranty Trust Company of Canada	0.32070
Gulf Canada Resources Limited	0.27845
Home Oil Company Limited	3.92391
Hudson's Bay Oil and Gas Company Limited	4.38150
Husky Oil Operations Ltd.	1.32630
Magnum Resources Ltd.	0.13360
Mutual Holdings Limited	0.62910
Norcen Energy Resources Limited	1.19530
Norcen Energy Resources Limited	0.43010
Pembina Resources Limited	0.28350
Petro-Canada Inc.	1.82030
Sereda Oils Ltd.	0.65350
Shell Canada Limited	2.76863
Tap Capital Gas Corporation	1.30700
Texaco Canada Resources	0.27845
Ulster Petroleum Ltd.	0.36930
Venwest Resources Limited	1.24670
Well Operators Limited	2.29610
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

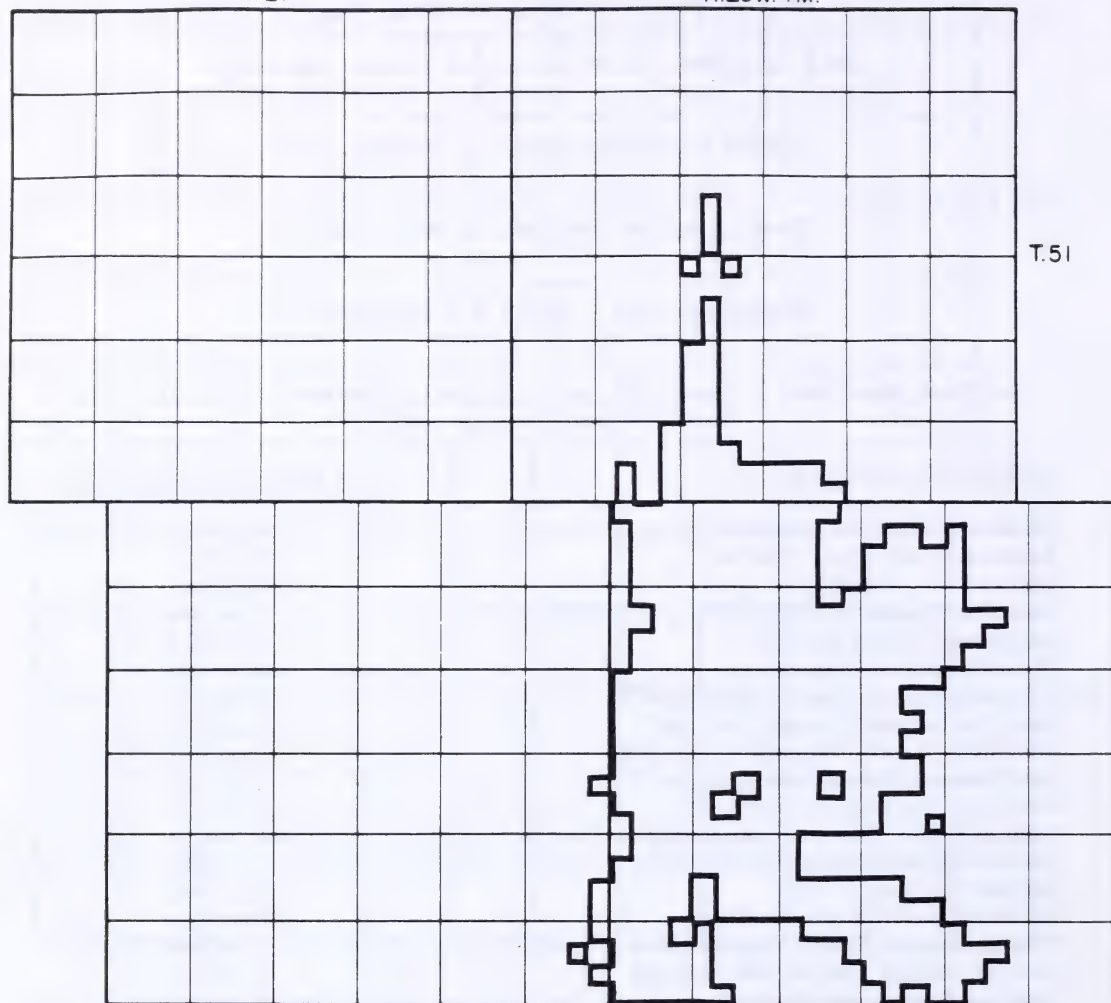
(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.27

R.26W.4M.

T.51



LEDUC WOODBEND D-2 UNIT



INITIAL EFFECTIVE DATE - 1 OCTOBER 1960

UNIT OPERATOR - ESSO RESOURCES CANADA LIMITED

MAPLE GLEN GAS UNIT

Located in the Provost Field

Unit Operator - Wainoco Oil Corporation

Initial Effective Date - 16 March 1976

Participation Revised - 1 March 1989

*Unitized Zone - Basal Belly River Sandstone & Viking Sandstone

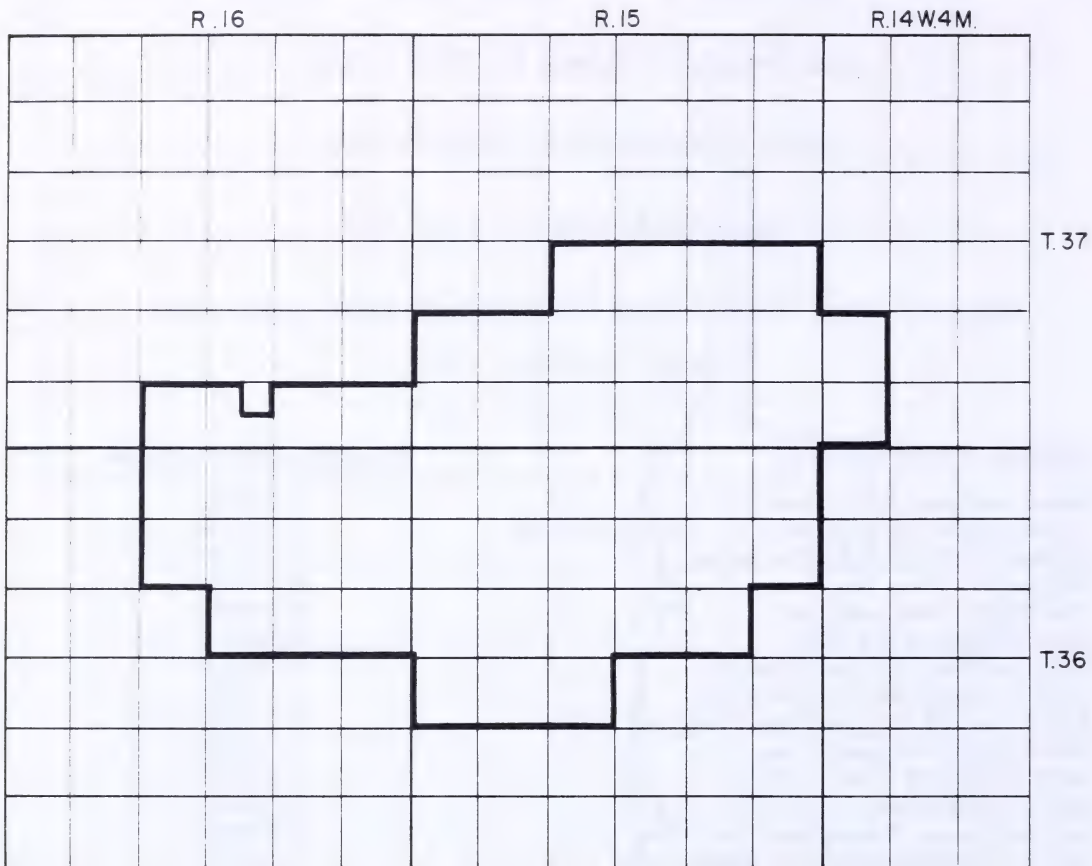
*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Roxy Petroleum Ltd.	10.670464
Columbia Gas Development of Canada Limited	0.066389
Conwest Petroleum Corporation	0.453104
DCP Canada Inc.	0.422457
Dome Petroleum Limited	3.586043
Faraday Resources Inc.	1.812426
Gardiner Oil and Gas Limited	2.265530
Gulf Canada Resources Limited	4.658191
Hudson's Bay Oil and Gas Company Limited	6.275750
Janus Properties Ltd.	2.265530
Meyers-Lasher, Inc.	2.265530
Mobil Oil Canada	1.954675
Norcen Energy Resources Limited	0.485061
Pacific Enterprises Oil Company	0.345112
PanCanadian Petroleum Limited	9.691738
Petrorep (Canada) Limited	0.172555
Ranchmen's Resources Ltd.	10.670464
Universal Explorations Ltd.	0.517667
Voyager Energy Inc.	0.257694
Wainoco Oil Corporation	41.163620
	<u>100.000000</u>

*For a complete definition of unitized zones and substances
see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



MAPLE GLEN GAS UNIT



INITIAL EFFECTIVE DATE — 16 MARCH 1976

UNIT OPERATOR — WAINOCO OIL CORPORATION

MAZEPPA CROSSFIELD UNIT NO. 1

Located in the Okotoks Field

Unit Operator - Canadian Occidental Petroleum Ltd.

Initial Effective Date - 1 August 1986

Participation Revised - 1 February 1989

*Unitized Zone - Crossfield Member

*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Adeco Drilling and Engineering Co. Ltd.	0.697564
Amerada Minerals Corporation of Canada Ltd.	18.961309
American Eagle Petroleum Ltd.	0.904763
Canadian Occidental Petroleum Ltd.	50.798514
Canpar Holdings Ltd.	0.195636
Dome Petroleum Limited	1.879099
Eagle Resources Ltd.	1.055557
Enerplus Resources Corporation	0.452382
J. M. Huber Corporation	18.809630
Passburg Petroleum Ltd.	5.560587
Provo Gas Producers Limited	0.232577
Venwest Resources Limited	0.452382
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R 29

R 28

R 27

R26W4 M

T.21

T.20

T.19

T.18

MAZEPPA CROSSFIELD UNIT NO.1

INITIAL EFFECTIVE DATE - 1 AUGUST 1986

UNIT OPERATOR- CANADIAN OCCIDENTAL PETROLEUM LTD.

MEDICINE RIVER UNIT NO. 3

Located in the Medicine River Field

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 1 May 1967

Participation Revised - 1 December 1988

*Unitized Zone - Jurassic "D" Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
BP Resources Canada Limited	4.2176200
Gulf Canada Resources Limited	9.0114600
Hudson's Bay Oil and Gas Company Limited	17.3690300
Luscar Ltd.	6.9245100
Maxus Energy Canada, Ltd.	3.7073500
Muirfield Petroleum Corporation	0.4703865
Norcen Energy Resources Limited	6.9245200
PanCanadian Petroleum Limited	5.4989600
Pembina Resources Limited	6.9245200
Pengrowth Resource Corporation	8.9373435
Petro-Canada Inc.	8.8819500
Prairie Oil Royalties Company, Ltd.	0.5102500
Suncor Inc.	20.6221000
	<u>100.0000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

MEDICINE RIVER UNIT NO. 3



INITIAL EFFECTIVE DATE - 1 MAY 1967

UNIT OPERATOR - HUDSON'S BAY OIL AND GAS COMPANY LIMITED

MEDICINE RIVER UNIT NO. 4

Located in the Medicine River Field

Unit Operator - Pembina Resources Limited

Initial Effective Date - 1 April 1987

Participation Revised - 1 February 1989

*Unitized Zone - Ostracod Formation

*Unitized Substance - Petroleum, natural gas, other hydrocarbons (except coal), raw gas, and condensate

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amerada Minerals Corporation of Canada Ltd.	0.551496
Amoco Canada Petroleum Company Ltd.	2.062847
ATCOR Ltd.	7.166206
Barnwell of Canada Limited	3.084804
Bow Valley Industries Ltd.	0.164741
Bowtex Energy Ltd.	0.087706
Canadian Roxy Petroleum Ltd.	0.916721
Candor Investments Ltd.	0.656093
Caroline Petroleums (1985) Ltd.	0.312631
Centipede Holdings Ltd.	1.453460
Chevron Canada Resources	3.427217
Cheyenne Petroleum Corporation	3.234774
Cooperative Energy Development Corporation	3.819450
Copetrex Oil & Gas Co. Ltd. (Sixth Program)	0.217953
Copetrex Oil & Gas Co. Ltd. (Seventh Program)	0.217952
Czar Resources Ltd.	0.363367
Dome Petroleum Limited	0.933368
Enerplus Resources Corporation	3.954224
EMB Management Consultants Ltd.	0.013959
Glenex Industries Inc.	3.024108
Grandex Energy Ltd.	0.019119
Gulf Canada Corporation	1.525584
Hartwell Management Ltd.	0.032749
Harvard International Resources Ltd.	0.365729
Hudson's Bay Oil and Gas Company Limited	1.274574
HXC Corporation	0.247111
Interkann Gas Ltd.	0.413751
Kerr-McGee Corporation	3.054025
Lario Oil & Gas Company	2.672782
Leddy Exploration Limited	0.444470
Mobil Oil Canada	5.275976
Robert L. McNamara Leaseholds Ltd.	0.038129

Working Interest OwnersPer Cent Participation

R. W. Mitten Enterprises Ltd.	0.937893
Oakwood Petroleum Ltd.	1.857925
Orbit Oil & Gas Ltd.	0.456184
The Paddon Hughes Development Co. Ltd.	6.591820
PanCanadian Petroleum Limited	1.306314
Pembina Resources Limited	13.079223
Petro-Canada Inc.	0.272910
Prairie Oil Royalties Company, Ltd.	1.872400
Que West Resources Ltd.	0.027919
Royal Trust Energy Resources II Corporation	1.782297
Sabre Energy Ltd.	1.337357
Sceptre Resources Limited	6.539612
Seapoint Holdings Ltd.	0.457162
Sylvan Lake Gas Unit No. 2 as represented	11.201042
by the Sylvan Lake Gas Unit No. 2 Operator	
Thornton Petrophysical Interpretations Ltd.	0.075227
Treasure Oil Exploration Ltd.	0.037613
Universal Explorations Ltd.	0.758665
WWC Ventures Ltd.	0.381361
	<u>100.000000</u>

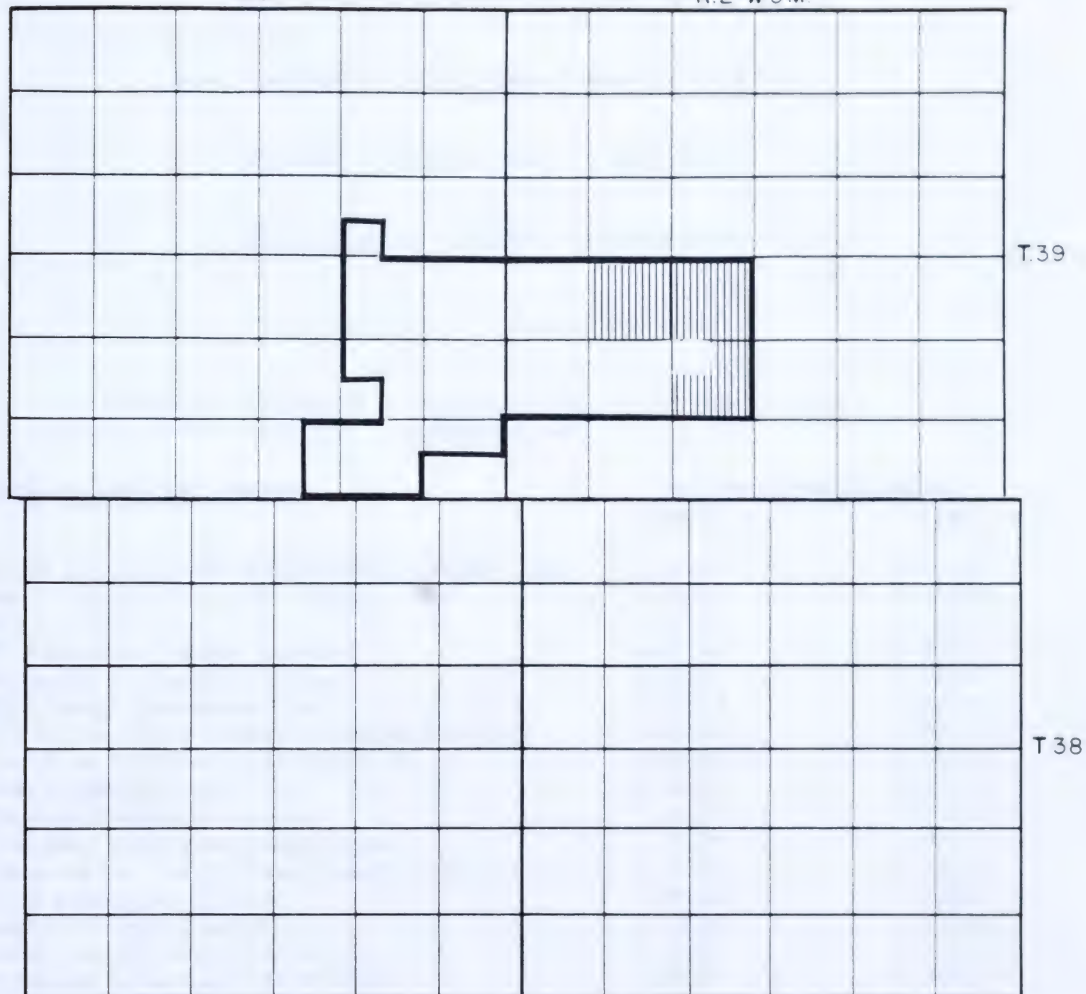
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.3

R.2 W5M



MEDICINE RIVER UNIT NO.4

ERCB

INITIAL EFFECTIVE DATE-1 APRIL 1987

UNIT OPERATOR- PEMBINA RESOURCES LIMITED

UNITIZED SUBSTANCE: PETROLEUM, NATURAL GAS AND
OTHER HYDROCARBONS (EXCEPT COAL)

RAW GAS AND CONDENSATE



MEDICINE RIVER VIKING "D" UNIT NO. 2

Located in the Medicine River Field

Unit Operator - Gulf Canada Resources Limited

Initial Effective Date - 1 May 1987

Participation Revised - 1 March 1989

*Unitized Zone - Viking Formation

*Unitized Substance - Petroleum and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>	
	<u>Interim</u>	<u>Final</u>
Adeco Drilling and Engineering Company Ltd.	2.01723	2.20590
Amoco Canada Petroleum Company Ltd.	2.40120	2.34354
Atcor Ltd.	1.57414	1.16279
BP Resources Canada Limited	0.81743	0.85531
Barnwell of Canada Limited	3.13855	3.47491
Blue Range Resources Ltd.	5.14648	4.36344
C & T Resources (Canadian Jorex Limited)	5.09165	5.00313
Caroline Petroleum (85 Ltd.)	0.42452	0.48255
Centipede Holdings Ltd.	0.23013	0.17136
Chevron Canada Resources	0.54632	0.44933
Cheyenne Petroleum Corporation	3.35129	3.90863
Cooperative Energy Development Corporation	2.50183	2.79144
Czar Resources Limited	1.99086	1.98016
Dekalb Energy Canada Ltd.	0.13280	0.21240
Encor Energy Corporation Ltd.	1.19520	1.22331
Enerplus Resources Corporation	1.64234	1.50027
Glenex Industries Inc.	0.48302	0.35587
Gulf Canada Resources Limited	19.56238	20.26774
Harvard International Resources Ltd.	0.62677	0.73393
Hudson's Bay Oil and Gas Company Limited	8.36640	8.56317
Interkann Gas Ltd.	0.56140	0.49994
Inverness Petroleum Limited	0.04427	0.07080
Kerr-McGee Corporation	1.51786	1.59145
Lario Oil & Gas Company	3.90314	4.28592
Lazy U Cattle Company	0.10851	0.12686
Luscar Ltd.	1.35620	1.13160
Maxus Energy Canada Ltd.	0.11185	0.17899
Ross R. McKinnon	0.16276	0.19031
Mobil Oil Canada	4.62745	5.02659
R. W. Mitten Enterprises Ltd.	1.27353	1.44764
Norcen Energy Resources Limited	1.35619	1.13159
Paddon Hughes Development Company Limited	5.37099	5.99675
PanCanadian Petroleum Limited	2.52090	2.17625

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>	
	<u>Interim</u>	<u>Final</u>
Pembina Resources Limited	4.02315	3.08011
Pencor Petroleum Limited	0.02213	0.03540
Polarex Services (1982) Limited	0.16275	0.19030
Resman Holdings Limited	4.86310	4.37820
Royal Trust Energy Resources II Corporation	0.28533	0.20866
Sabre Energy Ltd.	2.35652	2.16405
Sceptre Resources Limited	0.66674	0.48713
Seapoint Holdings Limited	0.43405	0.50749
Suncor Inc.	2.72204	2.80757
Thornton Petrophysical Interpretations Ltd.	0.11257	0.09090
Treasure Oil Exploration Ltd.	0.04980	0.04545
Universal Explorations Ltd.	0.14623	0.10087
	<u>100.00000</u>	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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ERC

UNIT OPERATOR- GULF CANADA RESOURCES LIMITED

SOUTH MITSUE UNIT NO. 1

Located in the Mitsue Field

Unit Operator - Canterra Energy Ltd.

Initial Effective Date - 1 March 1985

Participation Revised - 1 November 1988

*Unitized Zone - Gilwood Formation

*Unitized Substances - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Atcor Ltd.	0.6800
Bowtex Energy (Canada Corporation)	0.6800
Canadian Superior Oil Ltd.	6.5860
Canterra Energy Ltd.	38.4645
Home Oil Company Limited	8.3369
Husky Oil Operations Ltd.	26.2461
Knowlton Realty Ltd.	0.2720
Placer Cego Petroleum, Division of Placer Dome Inc.	14.1153
Resman Oil and Gas Ltd.	1.0880
Sunlite Oil Company Limited	3.5312
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.3

R.2W5M

5	14	13	18	17	16
10	11	12	7	8	9
3			6	5	4
34	35		31	32	33
27	26	25	30	29	28
22	23	24	19	20	21

T.69

T.68

SOUTH MITSUE UNIT NO.1



INITIAL EFFECTIVE DATE- 1 MARCH 1985

UNIT OPERATOR- CANTERRA ENERGY LTD.

NITON UNIT

Located in the Niton Field

Unit Operator - Esso Resources Canada Limited

Initial Effective Date - 1 November 1978

Participation Revised - 1 February 1989

*Unitized Zone - Basal Quartz Sand

*Unitized Substance - Crude oil or gas

Working Interest Owners

Per Cent Participation

Acquifund Resources Limited	7.29889075
Amoco Canada Petroleum Company Ltd.	6.68404600
Canadian Superior Oil Ltd.	1.59849100
Canterra Energy Ltd.	1.05185300
Columbia Gas Development of Canada Ltd.	0.14033700
Cooperative Energy Development Corporation	1.16916360
Corexcal, Inc.	0.65979300
DCP Canada Inc.	2.41002500
Denison Mines Limited	3.89640100
Dome Petroleum Limited	7.23007400
Esso Resources Canada Limited	25.96420300
Harvard International Resources Ltd.	0.54663800
Headco Exploration Co. Ltd.	5.26123620
Home Oil Company Limited	3.19698600
Hudson's Bay Oil and Gas Company Limited	14.15305900
Lario Oil & Gas Company	5.26123620
Maxus Energy Canada, Ltd.	5.34208400
Mobil Oil Canada, Ltd.	5.01029000
NCE Oil & Gas (87-1) Ltd.	1.31076025
Pembina Resources Limited	1.40206300
Petrorep (Canada) Ltd.	0.41237000
	<u>100.00000000</u>

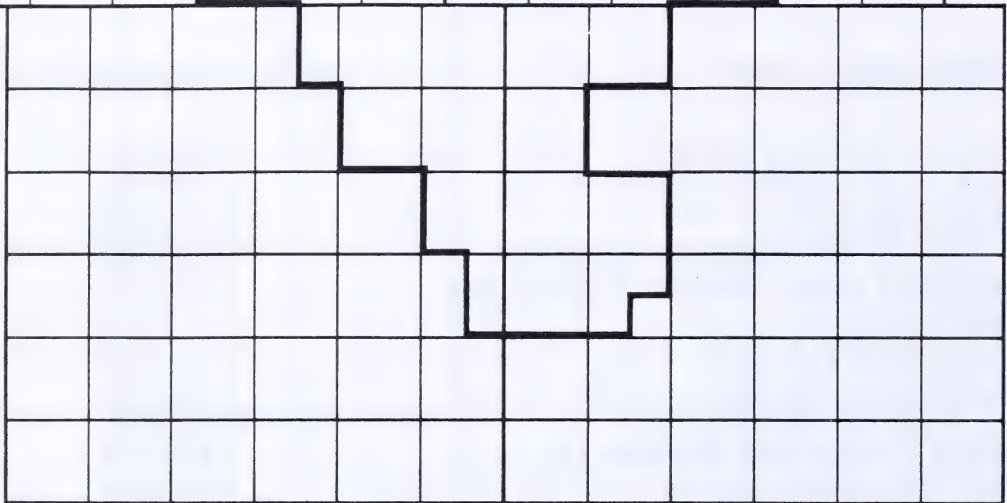
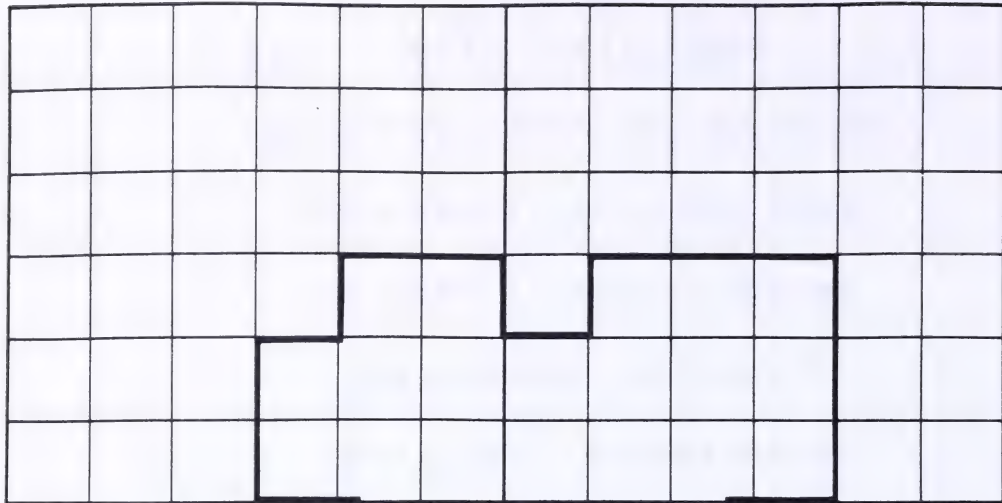
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.13

R.12 W.5 M.



NITON UNIT



INITIAL EFFECTIVE DATE — 1 NOVEMBER 1978

UNIT OPERATOR — ESSO RESOURCES CANADA LIMITED

OYEN GAS UNIT NO. 3

Located in the Oyen Field

Unit Operator - American Trading and Production Corporation

Initial Effective Date - 1 October 1970

Participation Revised - 31 October 1988

*Unitized Zone - Viking Formation

*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
American Trading and Production Corporation	50.1793
Comaplex Resources International Ltd.	7.6851
Dome Petroleum Limited	1.0979
Esso Resources Canada Limited	14.9058
Gulf Canada Resources Limited	7.6851
Hudson's Bay Oil and Gas Company Limited	6.7211
Irving Industries (Foothills Steel Foundary Division) Ltd.	3.5426
Irving Industries (Irving Wire Products Division) Ltd.	7.0852
Scotia Oils Limited	1.0979
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 4

R. 3 W. 4 M.

T. 30

T. 29

OYEN GAS UNIT NO. 3



INITIAL EFFECTIVE DATE - 1 OCTOBER 1970

UNIT OPERATOR - AMERICAN TRADING AND PRODUCTION CORPORATION

OYEN GAS UNIT NO. 4

Located in the Oyen Field

Unit Operator - Gulf Canada Resources Limited

Initial Effective Date - 1 December 1977

Participation Revised - 1 March 1989

*Unitized Zone - Viking Formation

*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Articana Resources Ltd.	5.0000
Consolidated Trans-Canada Resources Ltd.	5.0000
Reginald J. Gibbs	1.6667
Gold River Oil & Gas Ltd.	8.3333
Gulf Canada Resources Limited	72.3333
Floyd Lander	1.0000
Estate of Albert McCruden	3.3333
John S. Moore (agent is Mr. Douglas Hilland)	1.6667
John Stein	1.6667
	<u>100.0000</u>

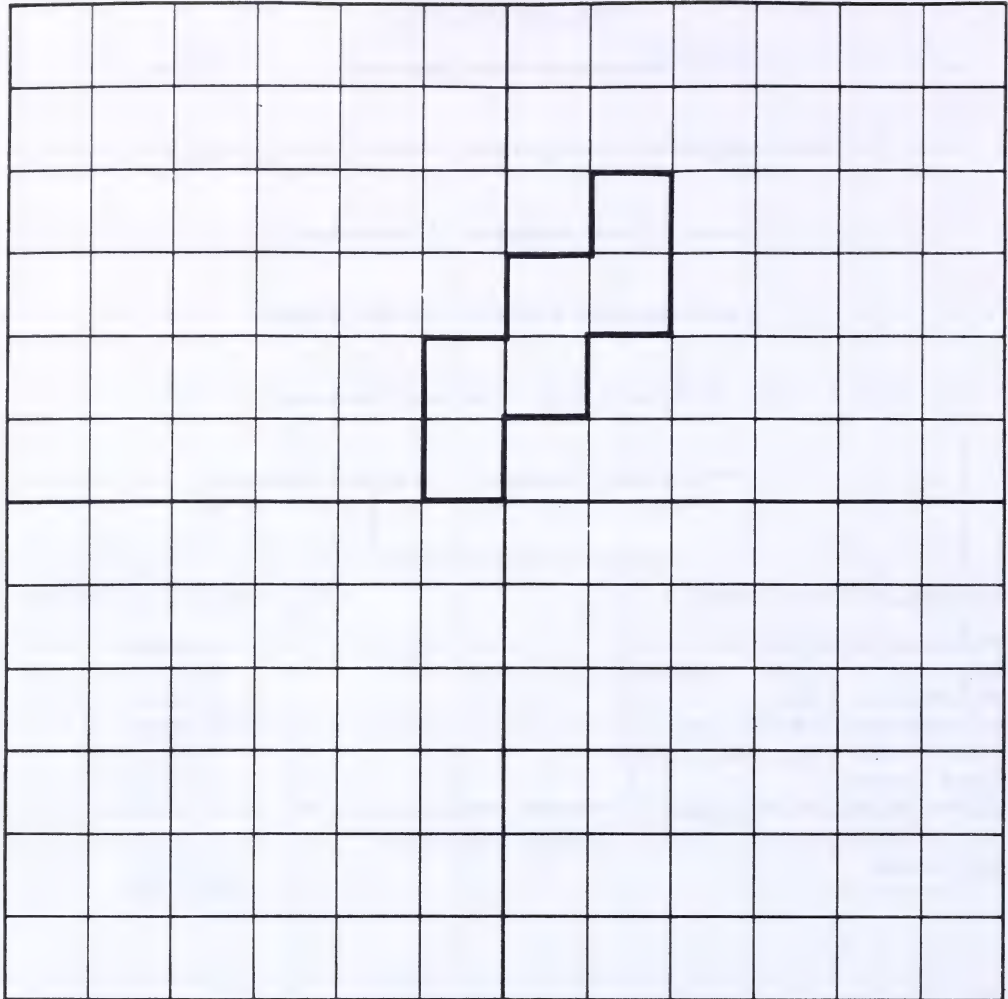
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.6

R5W. 4M.



T.29

T.28

OYEN GAS UNIT NO. 4



INITIAL EFFECTIVE DATE - 1 DECEMBER 1977

UNIT OPERATOR - GULF CANADA RESOURCES LIMITED

NORTH OYEN GAS UNIT

Located in the Oyen Field

Unit Operator - Canterra Energy Ltd

Initial Effective Date - 1 February 1965

Participation Revised - 1 February 1989

*Unitized Zone - Viking or Detrital Formations

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except crude oil and coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canterra Energy Ltd.	62.9167
Gulf Canada Resources Limited	4.5833
Prairie Oil Royalties Co. Ltd.	5.5556
TAP Capital Gas Corporation	15.6944
Texaco Canada Inc.	11.2500
	<u>100.0000</u>

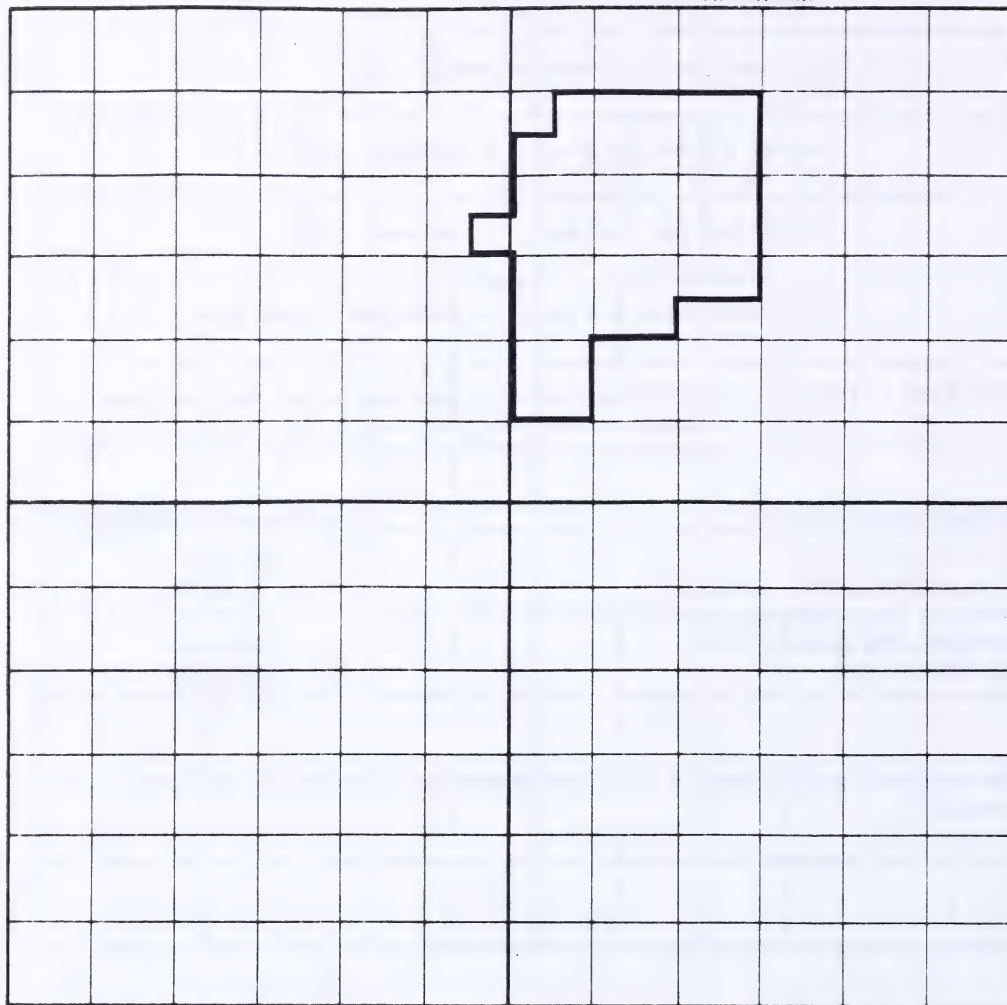
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.5

R.4 W.4M



T.29

T.28

NORTH OYEN GAS UNIT



INITIAL EFFECTIVE DATE - 1 FEBRUARY 1965

UNIT OPERATOR- CANTERRA ENERGY LTD.

PADDLE RIVER GAS UNIT NO. 1

Located in the Paddle River Field

Unit Operator - Canadian Occidental Petroleum Ltd.

Initial Effective Date - 1 February 1966

Participation Revised - 1 March 1989

*Unitized Zone - Jurassic-Detrital Formation and Pekisko Pool Area

*Unitized Substance - Natural gas and other hydrocarbons (including casinghead gas, crude oil from a well designated as a gas well)

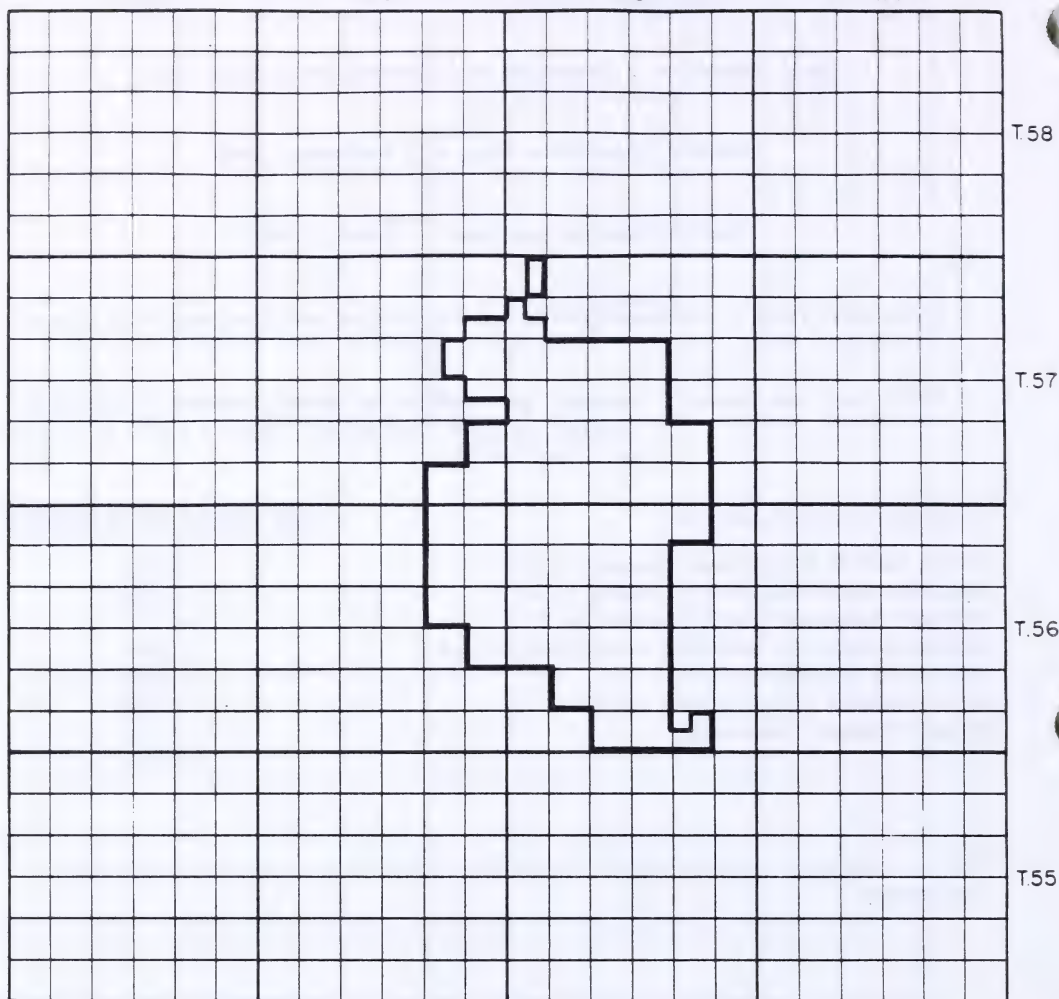
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	22.869
Canadian Occidental Petroleum Ltd.	41.045
Harvard International Resources Ltd.	9.312
Hudson's Bay Oil and Gas Company Limited	7.508
Mobil Oil Canada	0.449
Petro-Canada Exploration Inc.	9.506
Texaco Canada Resources	9.311
	<u>100.000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R7 W5 M

**ERCB**

INITIAL EFFECTIVE DATE - 1 FEBRUARY 1966

NORTH PADDLE RIVER GAS UNIT

Located in the Paddle River Field

Unit Operator - Texaco Canada Resources

Initial Effective Date - 1 March 1976

Participation Revised - 1 February 1989

*Unitized Zone - Nordegg - Pekisko Zone

*Unitized Substance - Gas

Working Interest Owners

Per Cent Participation

Gulf Canada Resources Limited	4.1730
Shell Canada Limited	9.3680
Texaco Canada Resources	86.4590
	<u>100.0000</u>

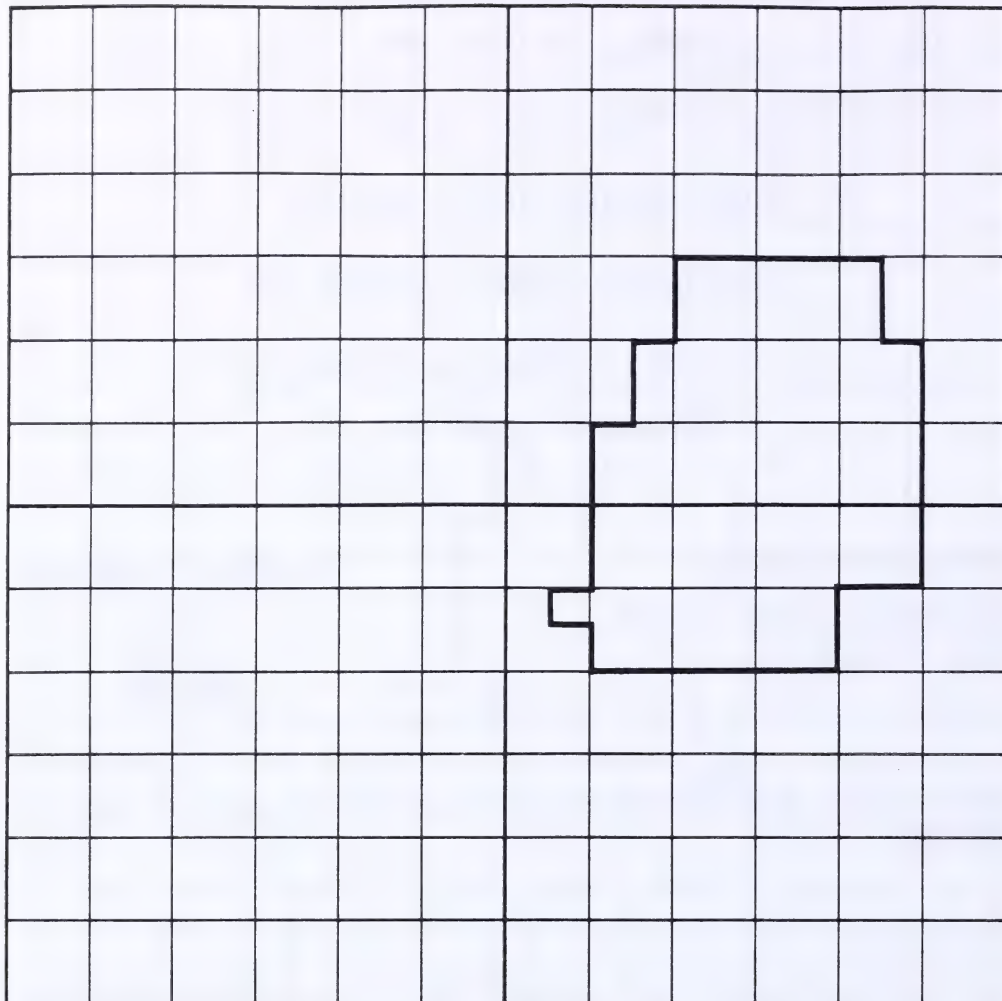
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.9

R.8W.5M.



T.58

T.57

NORTH PADDLE RIVER GAS UNIT



INITIAL EFFECTIVE DATE — 1 MARCH 1976

UNIT OPERATOR — TEXACO CANADA RESOURCES

PEMBINA BELLY RIVER AA POOL UNIT

Located in the Pembina Field

Unit Operator - Pembina Resources Limited

Initial Effective Date - 1 February 1968

Participation Revised - 21 February 1989

*Unitized Zone - Belly River Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Gardiner Oil and Gas Limited	6.3501
Pacific Enterprises Oil Company	6.7798
Pembina Resources Limited	51.5786
Petro-Canada Inc.	12.7022
Petrorep (Canada) Ltd.	19.5589
Wangler Management Ltd.	3.0304
	<u>100.0000</u>

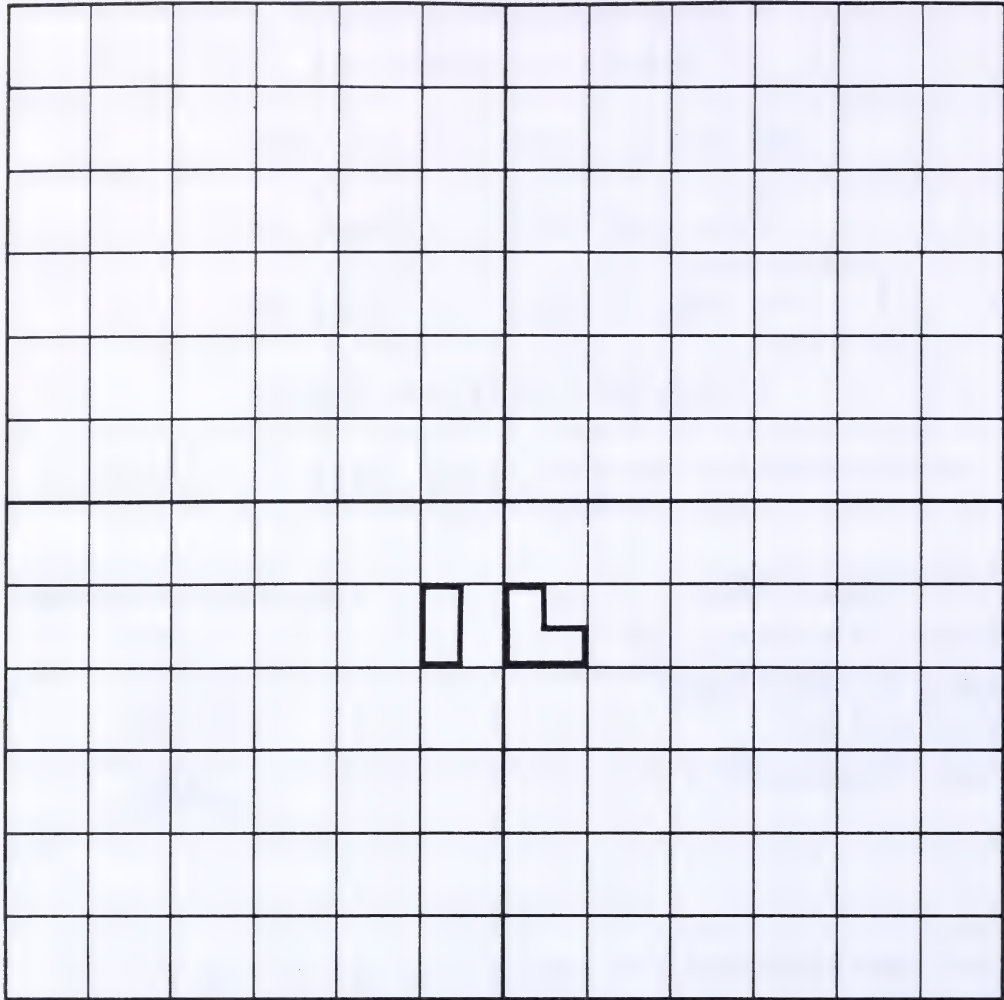
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 5

R. 4 W. 5 M.



T. 49

T. 48

PEMBINA BELLY RIVER "AA" POOL UNIT



INITIAL EFFECTIVE DATE - 1 FEBRUARY 1968

UNIT OPERATOR - PEMBINA RESOURCES LIMITED

PEMBINA BELLY RIVER "B" SOUTH UNIT

Located in the Pembina Field

Unit Operator - Western Decalta Petroleum (1977) Limited

Initial Effective Date - 1 August 1972

Participation Revised - 1 April 1989

*Unitized Zone - Belly River Formation

*Unitized Substance - Petroleum, natural gas and related hydrocarbons
(except coal)

Working Interest Owners

Per Cent Participation

Canadian Occidental Petroleum Ltd.	3.29548
Chevron Canada Resources	2.79439
Fairhill Oil Limited	0.80250
J. M. Huber Corporation	14.26437
Kerr-McGee Corporation	18.68274
Norcen Energy Resources Limited	3.01298
Paloma Petroleum Ltd.	3.01297
Pembina Resources Limited	25.67594
Rulair Oil Ltd.	0.80249
Scurry-Rainbow Oil Limited	1.54889
Shell Canada Limited	2.32335
Southmark Aquisitions Canada Ltd.	2.85289
Texaco Canada Resources	20.93101
	<u>100.00000</u>

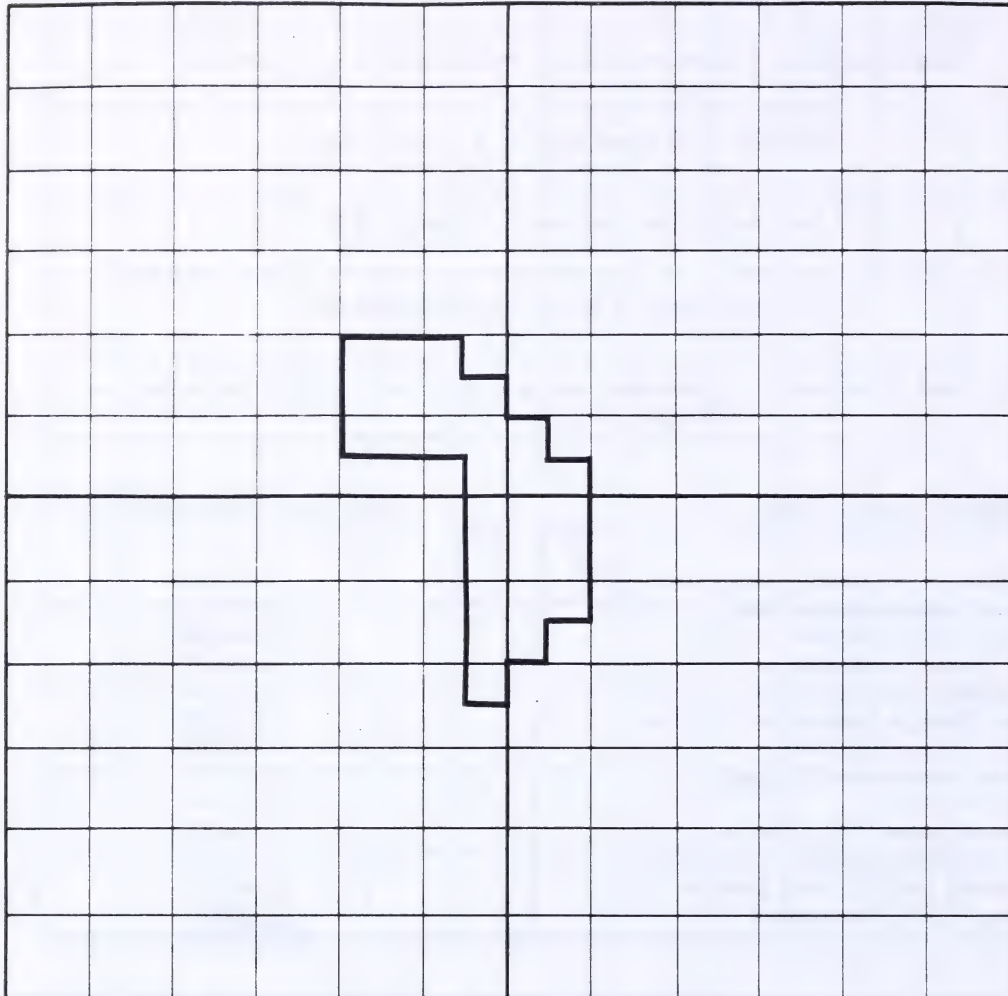
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.4

R.3 W.5M.



T.48

T.47

PEMBINA BELLY RIVER "B" SOUTH UNIT



INITIAL EFFECTIVE DATE-1 AUGUST 1972

UNIT OPERATOR-WESTERN DECALTA PETROLEUM (1977) LIMITED

PEMBINA CARDIUM UNIT NO. 20

Located in the Pembina Field

Unit Operator - Pembina Resources Limited

Initial Effective Date - 1 August 1960

Participation Revised - 1 February 1989

*Unitized Zone - Cardium Formation

*Unitized Substance - Crude oil, natural gas, condensate, all
hydrocarbons (except coal)

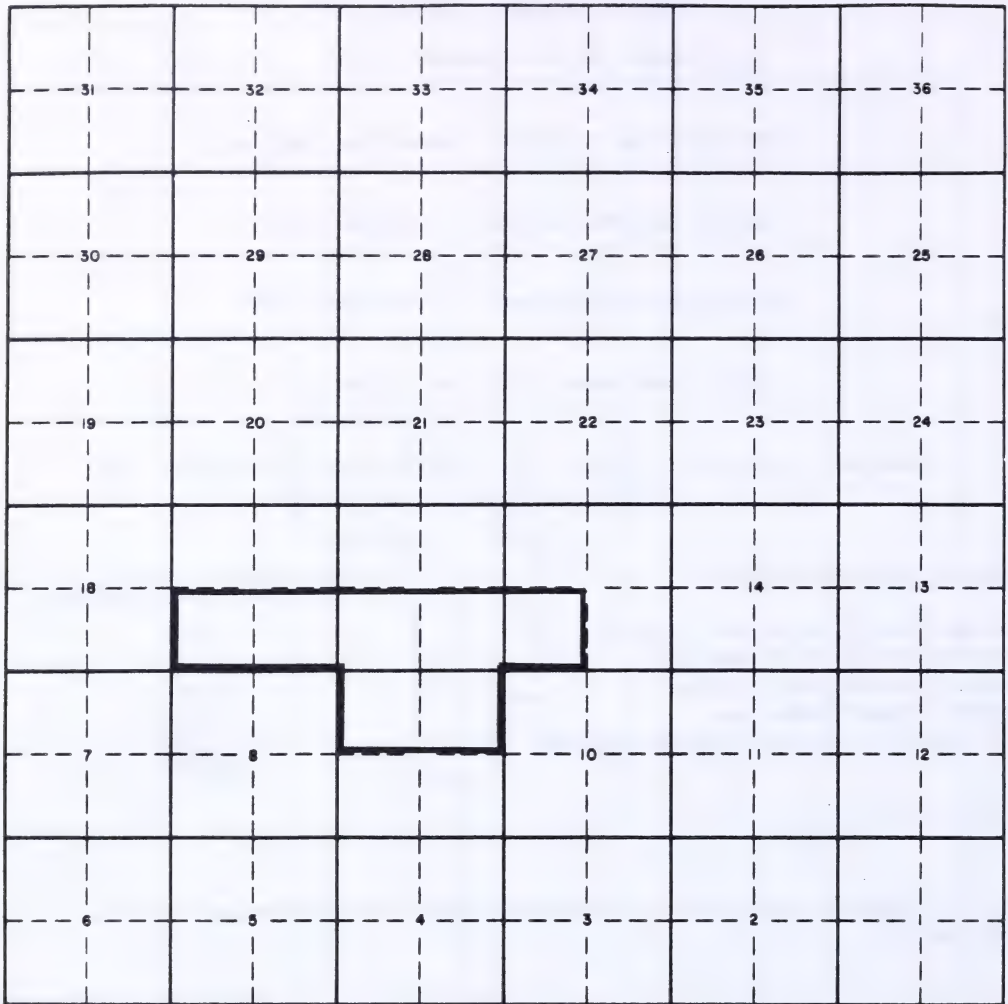
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Norcen Energy Resources Limited	13.63
Pembina Resources Limited	17.20
Scurry-Rainbow Oil Limited	37.66
Texaco Canada Resources	29.81
Ultramar Oil and Gas Canada Limited	<u>1.70</u>
	100.00

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.8 W.5 M.



T.49

PEMBINA CARDIUM UNIT NO.20



INITIAL EFFECTIVE DATE - 1 AUGUST 1960

UNIT OPERATOR - PEMBINA RESOURCES LIMITED

PEMBINA CARDIUM UNIT NO. 31

Located in the Pembina Field

Unit Operator - Pembina Resources Limited

Initial Effective Date - 1 November 1960

Participation Revised - 1 March 1989

*Unitized Zone - Cardium Formation

*Unitized Substance - Crude oil, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Dome Petroleum Limited	3.9000
Heenan Senlac Resources Limited	0.7146
Lakewood Oil & Gas Ltd.	0.9000
Mobil Oil Canada	14.4000
Norcen Energy Resources Limited	1.2000
Pacific Enterprises Oil Company	0.9528
Pembina Resources Limited	25.2853
Petro-Canada Inc.	19.4500
Petrorep (Canada) Ltd.	7.2006
Spruce Hills Production Company, Inc.	19.8917
Ultramar Oil and Gas Canada Limited	6.1050
	<u>100.0000</u>

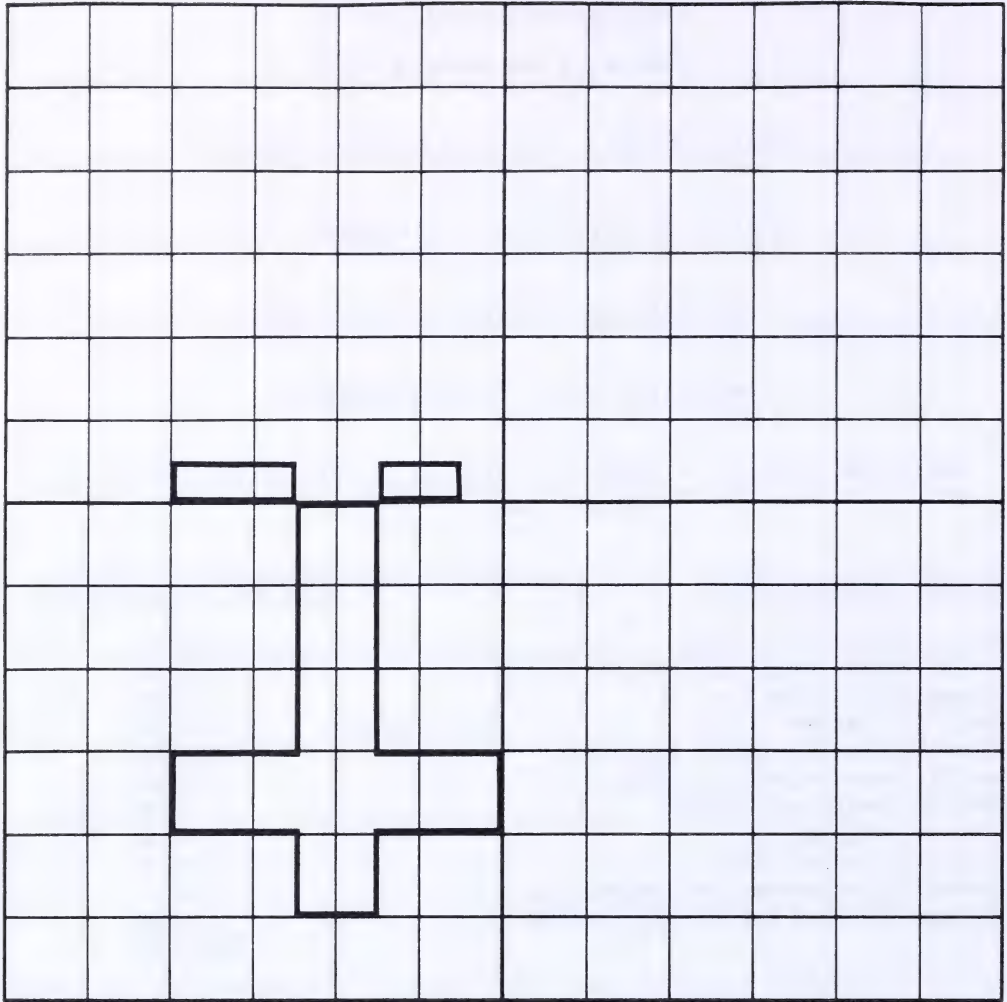
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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R.10

R.9 W.5 M.



T.49

T.48

PEMBINA CARDIUM UNIT NO. 31



INITIAL EFFECTIVE DATE — 1 NOVEMBER 1960

UNIT OPERATOR — PEMBINA RESOURCES LIMITED

PEMBINA NISKU "D" POOL UNIT NO. 1

Located in the Pembina Field

Unit Operator - Chevron Canada Resources

Initial Effective Date - 1 June 1981

Participation Revised - 1 February 1989

*Unitized Zone - Nisku Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	22.8125
Canadian Occidental Petroleum Ltd.	22.8125
Chevron Canada Resources	45.6250
Home Oil Company Limited	4.3750
Texaco Canada Resources Limited	4.3750
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

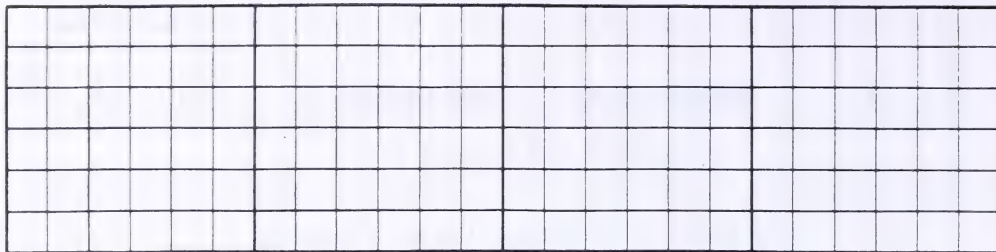
ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R 12

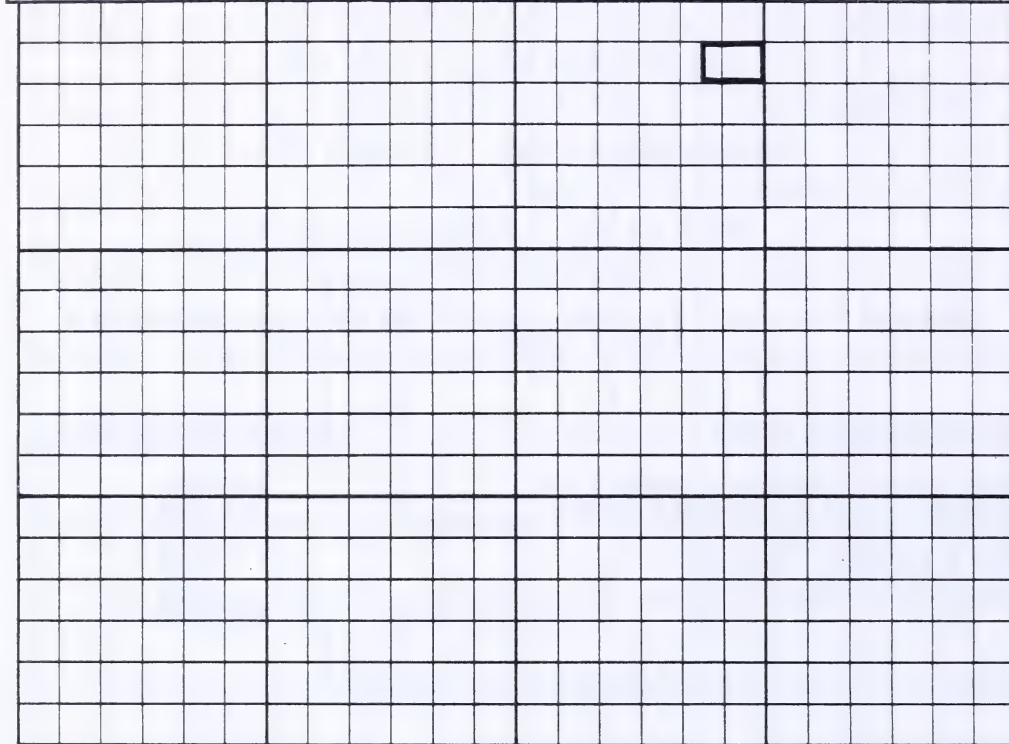
R 11

R 10

R 9 W 5 M



T.51



T.50

T.49

T.48

PEMBINA NISKU D POOL UNIT NO. 1

INITIAL EFFECTIVE DATE - 1 JUNE 1981

UNIT OPERATOR-CHEVRON CANADA RESOURCES



PEMBINA NISKU "F" POOL UNIT NO. 1

Located in the Pembina Field

Unit Operator - Texaco Canada Resources

Initial Effective Date - 1 April 1986

Participation Revised - 1 February 1989

*Unitized Zone - Nisku Formation

*Unitized Substance - Petroleum, natural gas, and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Chevron Canada Resources	42.00
Texaco Canada Resources	<u>58.00</u>
	100.00

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

A 3x3 grid of squares with dashed lines. The top row has numbers 15, 14, and 13. The middle row has numbers 11 and 12. The bottom row has numbers 3 and 1. A thick black border outlines the squares containing 11, 12, 1, and 3.

ERC

UNIT OPERATOR- TEXACO CANADA RESOURCES

NORTH PEMBINA CARDIUM UNIT NO. 1

Located in the Pembina Field

Unit Operator - Mobil Oil Canada

Initial Effective Date - 1 September 1959

Participation Revised - 1 February 1989

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

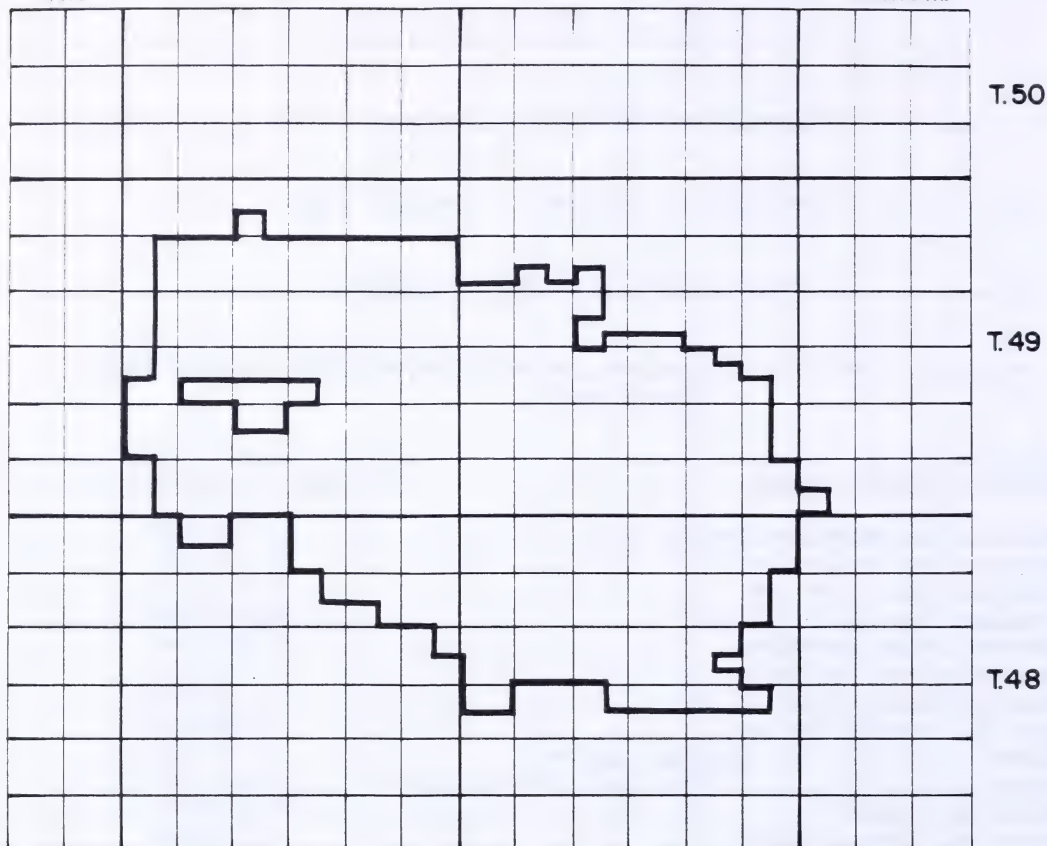
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	11.7549229
Anderson Exploration Ltd.	0.4906034
Black Cat Oil & Gas Ltd.	0.0766628
Canadian Superior Oil Ltd.	0.4172966
Chevron Canada Resources	6.8097241
Dome Petroleum Limited	0.9636856
Encor Energy Corporation Inc.	8.1365932
Home Oil Company Limited	3.9052022
Hudson's Bay Oil & Gas Company Limited	0.6246263
Luscar Ltd.	0.8401091
Mobil Oil Canada	33.0608344
Murphy Oil Company Ltd.	1.1272169
Norcen Energy Resources Limited	0.9759990
Pembina Resources Limited	1.2553917
Petro-Canada Inc.	14.6219730
Sabre Petroleum Ltd.	0.0729644
Shell Canada Limited	0.1450225
Skaha Petroleum Ltd.	0.0113299
Suncor Inc.	1.9084905
Texaco Canada Resources	12.0932687
Total Petroleum Canada Ltd.	0.1781734
Union Canada Management Limited	0.5299094
	<u>100.0000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.6W.5M.



ERCB

UNIT OPERATOR - MOBIL OIL CANADA

PEMBINA KEYSTONE CARDIUM UNIT NO. 2

Located in the Pembina Field

Unit Operator - Canadian Occidental Petroleum Ltd.

Initial Effective Date - 1 April 1971

Participation Revised - 1 February 1989

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

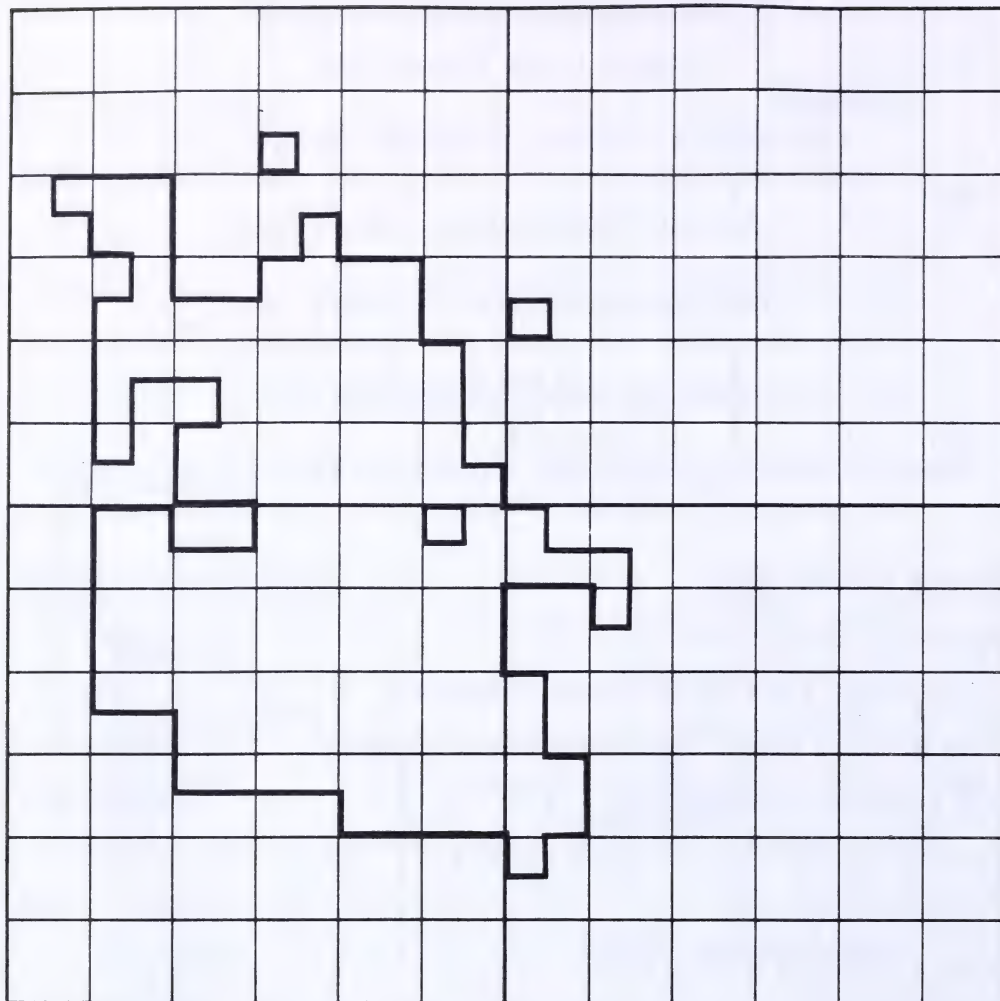
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Abilene Oil Enterprises Ltd.	0.196700
Bumper Development Corporation Ltd.	0.762454
[Joan Busher Sinna & Paul Busher (Trustees)]	0.254151
[Mr. P. Antrobus]	0.254151
[Old National Bank of Washington (Trust Account)]	0.254151
Canadian Occidental Petroleum Ltd.	63.965570
Esso Resources Canada Limited	7.230959
Hollywood Investment Corporation	0.422077
Hudson's Bay Oil and Gas Company Limited	5.026514
Mobil Oil Canada	0.924210
Musketeer Energy Ltd.	2.439987
Norcen Energy Resources Limited	3.358710
Pembina Resources Limited	0.644979
Petro-Canada Inc.	4.932740
Royal Trust Corporation of Canada	0.774853
Samedan Oil of Canada Inc.	1.546371
Shell Canada Limited	0.633116
Suncor Inc.	2.015249
Texaco Canada Resources	3.722476
Universal Explorations (83) Ltd.	0.640582
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 3 W. 5 M.



T. 48

ERCB

UNIT OPERATOR — CANADIAN OCCIDENTAL PETROLEUM LTD.

PEMBINA OSTRACOD "G" UNIT

Located in the Pembina Field

Unit Operator - Signalta Resources Limited

Initial Effective Date - 1 March 1985

Participation Revised - 6 December 1988

*Unitized Zone - Ostracod Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

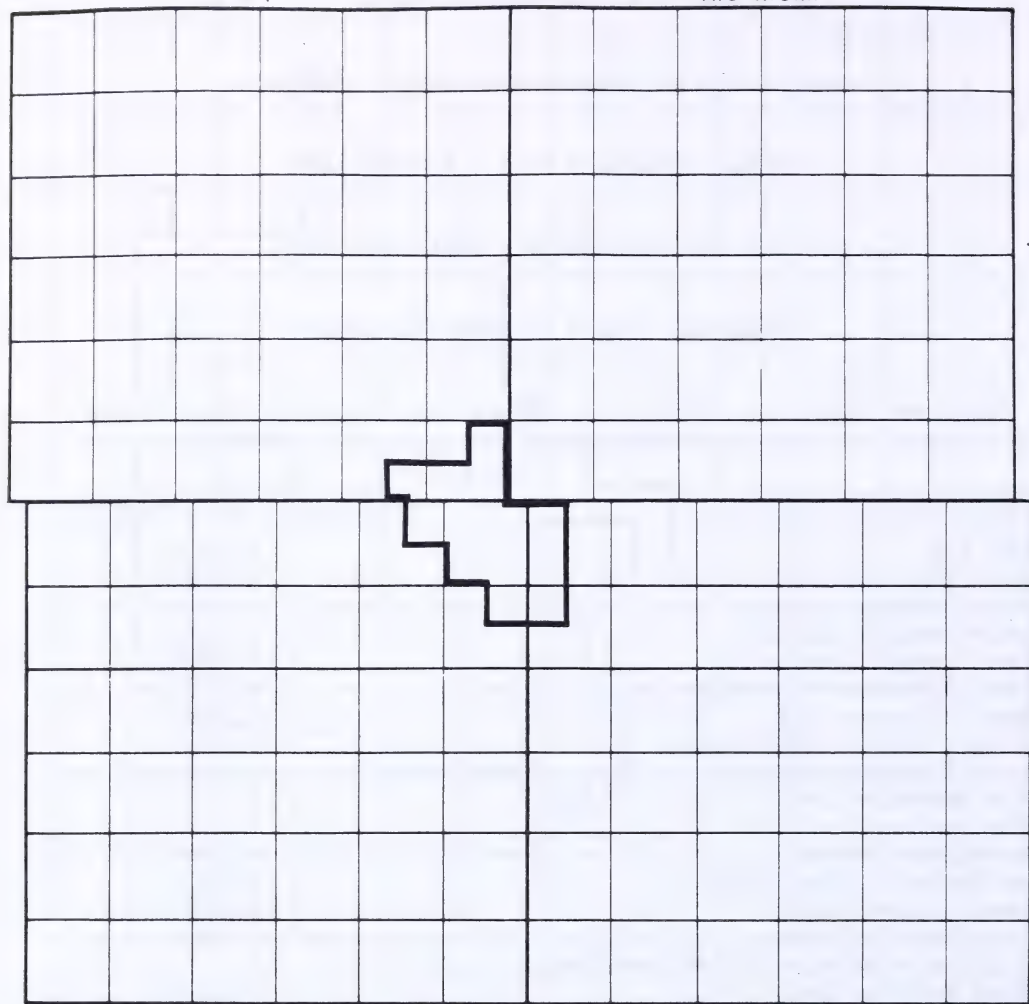
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
ATCOR Ltd.	0.60229
Canadawide Realty Investments Ltd.	0.28843
Canpar Holdings Ltd.	0.42497
Dome Petroleum Limited	0.56485
Dorset Energy Corporation	15.83484
Enerplus Resources Corporation	8.17573
Enron Oil Canada Ltd.	3.44948
Fortress Consolidated Limited	0.51591
Home Oil Company Limited	0.54469
Kaila Resources Ltd.	1.77221
Lanka Exploration Ltd.	1.77221
Lindsay Oil Limited	0.51591
Lode Resource Corporation	3.27029
Majestic Mines Ltd.	6.40301
Placer Cego Petroleum	0.83853
A Division of Placer CEGO Development Ltd.	
Resman Holdings Ltd.	6.92236
Rife Resources Ltd.	5.63435
RTEC One Resources Inc.	12.90206
Scurry-Rainbow Oil Limited	0.27235
Signalta Resources Limited	24.98766
Skywest Resources Corp.	0.74806
Star Oil & Gas Ltd.	0.60229
Tricentrol Oils Limited	0.76653
297608 Alberta Inc.	2.01902
353780 Alberta Ltd.	0.17197
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

R. 7

R.6 W.5M.



T. 51

T. 50

PEMBINA OSTRACOD 'G' UNIT

INITIAL EFFECTIVE DATE- 1 MARCH 1985

UNIT OPERATOR- SIGNALTA RESOURCES LIMITED

ERC B

PROGRESS HALFWAY GAS UNIT NO. 1

Located in the Progress Field

Unit Operator - Shell Canada Limited

Initial Effective Date - 1 September 1985

Participation Revised - 1 March 1989

*Unitized Zone - Halfway Formation

*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Bow Valley Industries Ltd.	4.05259
Chancellor Energy Resources Inc.	3.34793
Conwest Petroleum Corporation	2.30441
Dome Petroleum Ltd.	0.35748
Esso Resources Ventures Limited	0.35748
J. M. Huber Corporation	13.91506
I.C.G. Resources Ltd.	12.31411
Mobil Oil Canada, Ltd.	11.93214
Petro-Canada Inc.	15.37443
Shell Canada Limited	20.35590
Texaco Canada Inc.	7.76107
Texaco Canada Resources	7.61336
Westcoast Petroleum Ltd.	0.31404
	<u>100.00000</u>

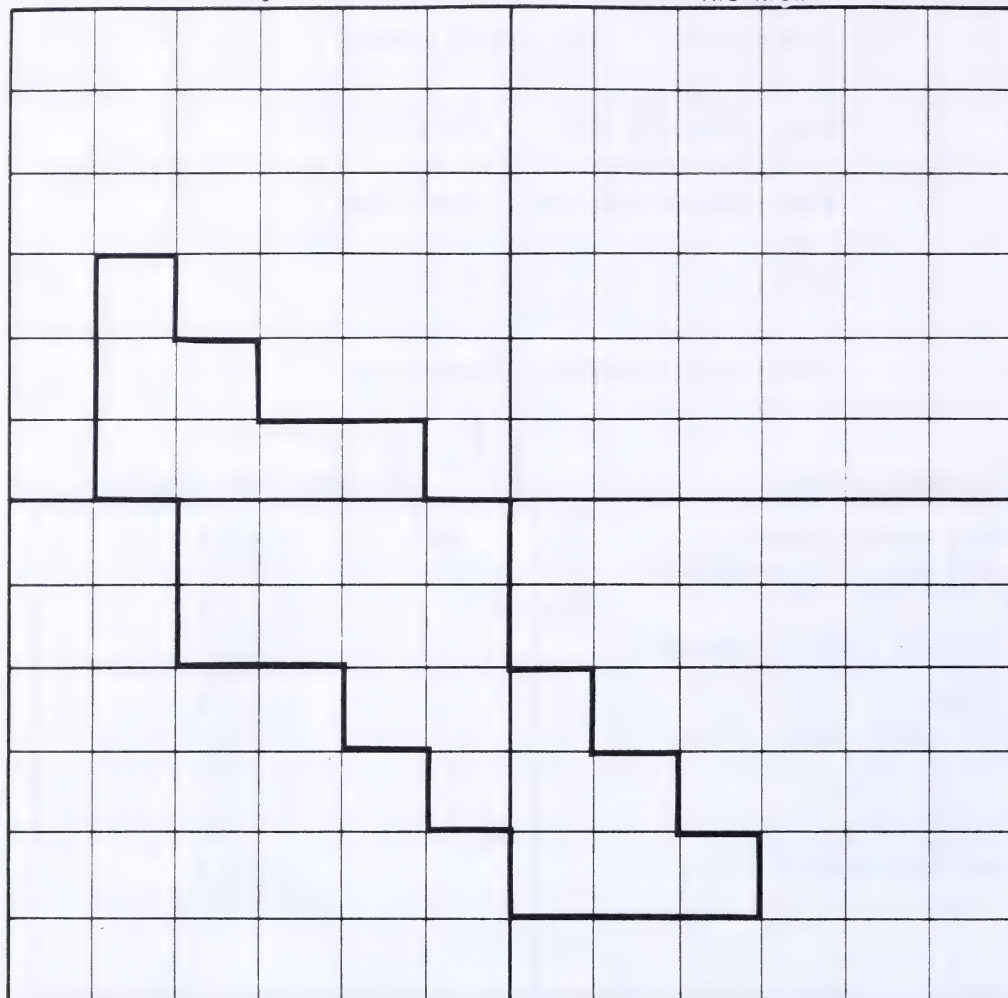
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.9

R.8 W.6M.



T.78

T.77

PROGRESS HALFWAY GAS UNIT NO.1

The logo for the Environmental Review Committee of Canada (ERC B), featuring the letters "ERC B" in a bold, sans-serif font, with a stylized "E" and "B".

INITIAL EFFECTIVE DATE - 1 SEPTEMBER 1985

UNIT OPERATOR - SHELL CANADA LIMITED

PROVOST VIKING SAND GAS UNIT

Located in the Provost Field

Unit Operator - Dome Petroleum Limited

Initial Effective Date - 7 August 1957

Participation Revised - 1 January 1989

*Unitized Zone - Viking Member of the Colorado Formation

*Unitized Substance - Natural gas

Working Interest Owners

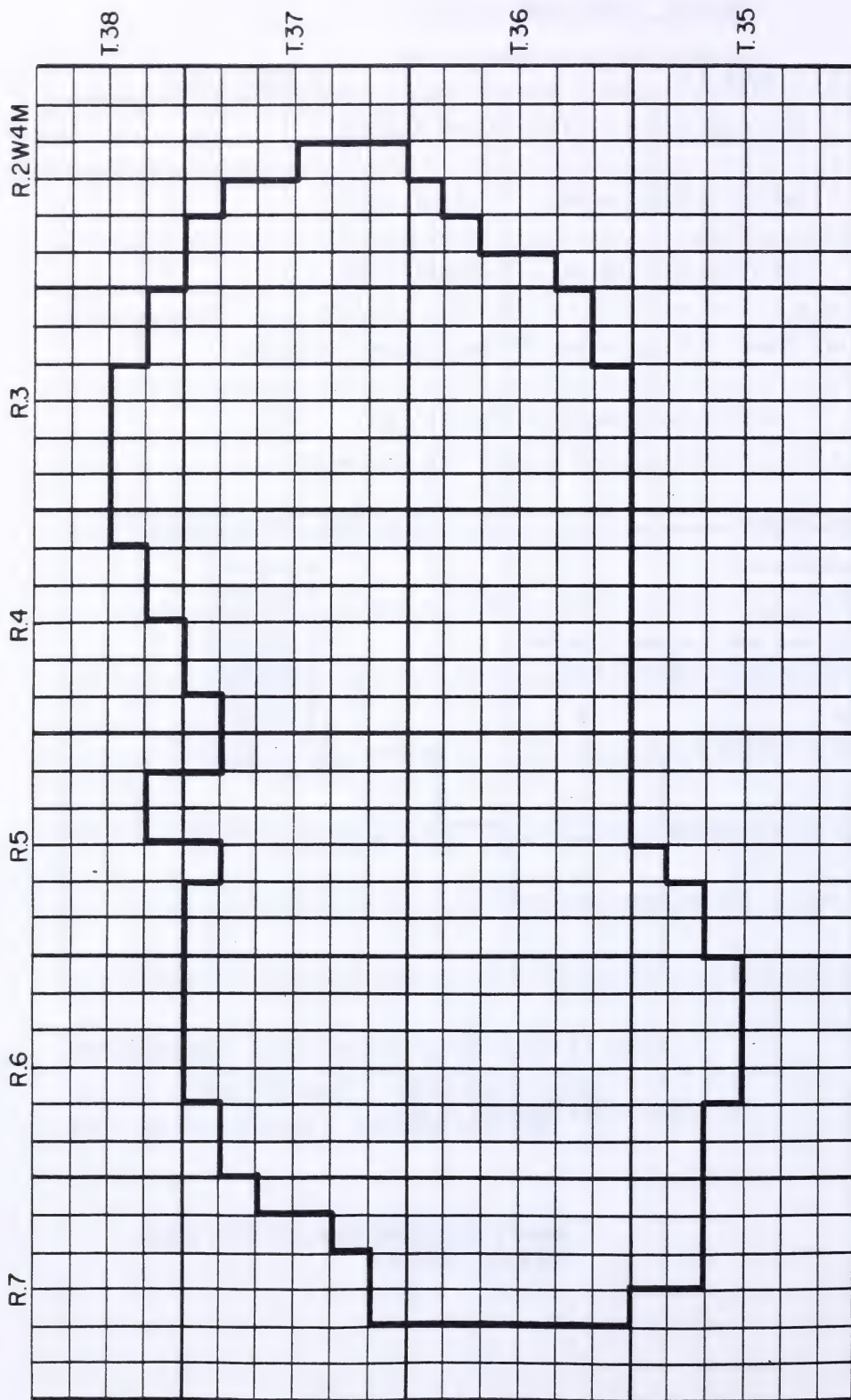
Per Cent Participation

Barlow Development Ltd.	0.5935806
Canterra Energy Ltd.	0.2765676
Dome Petroleum Limited	0.7120987
Hudson's Bay Oil and Gas Company Limited	4.8797399
Lincoln-McKay Development Company Ltd.	0.5935806
Northland Bank in Liquidation	2.7724203
Petro-Canada Inc.	13.1582681
Provo Gas Producers Limited	77.0137442
	<u>100.0000000</u>

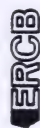
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



PROVOST VIKING SAND GAS UNIT
INITIAL EFFECTIVE DATE - 7 AUGUST 1957
UNIT OPERATOR DOME - PETROLEUM LIMITED



RANFURLY GAS UNIT

Located in the Warwick Field

Unit Operator - Cavalier Energy Limited

Initial Effective Date - 17 September 1974

Participation Revised - 1 January 1989

*Unitized Zone - Basal Quartz, Colony, Nisku, Sparky, and Viking Formations

*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Oil & Gas Fund Ltd.	11.05719
Canadian Superior Oil Ltd.	1.80475
Canpar Holdings Ltd.	0.60640
Cavalier Energy Limited	12.84771
Columbia Gas Development of Canada Ltd.	0.14456
Dome Petroleum Limited	28.71820
DowBrands Canada Inc.	0.44573
Galveston Petroleum Ltd.	2.66695
Halenika Resources Ltd.	1.58994
Noramex Resources Ltd.	12.71948
Ranchmen's Resources (1976) Ltd.	10.56549
Trilogy Resource Corporation	2.66696
Western Resources Minerals Ltd.	9.87314
Westmin Resources Limited	2.11825
Wangler Resources Ltd.	2.17525
	<u>100.00000</u>

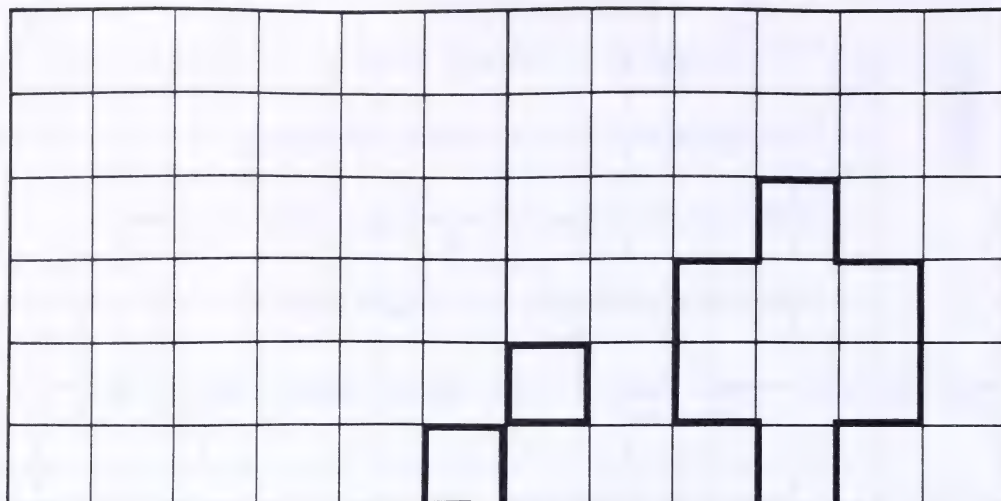
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

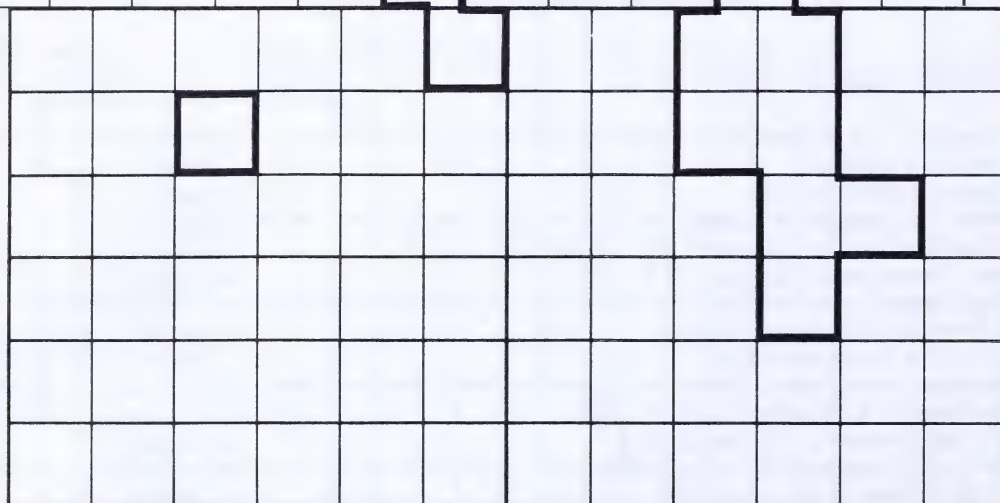
ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.14

R.13W.4M



T.51



T.50

RANFURLY GAS UNIT



INITIAL EFFECTIVE DATE - 17 SEPTEMBER 1974

UNIT OPERATOR - CAVALIER ENERGY LIMITED

SOUTH ROSEVEAR GAS UNIT NO. 1

Located in the Rosevear Field

Unit Operator - Shell Canada Limited

Initial Effective Date - 1 October 1979

Participation Revised - 1 February 1989

*Unitized Zone - Swan Hills Formation

*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Superior Oil Ltd.	0.57126
Enerplus Resources Corporation	1.08563
Harvard International Resources Ltd.	0.28563
Home Oil Company Limited	1.14252
J. M. Huber Corporation	0.91933
I.C.G. Resources Ltd.	30.49293
Mobil Oil Canada, Ltd.	1.59952
Pencor Petroleum Limited	7.97779
Shell Canada Limited	49.15443
Suncor Inc.	6.77096
	<u>100.00000</u>

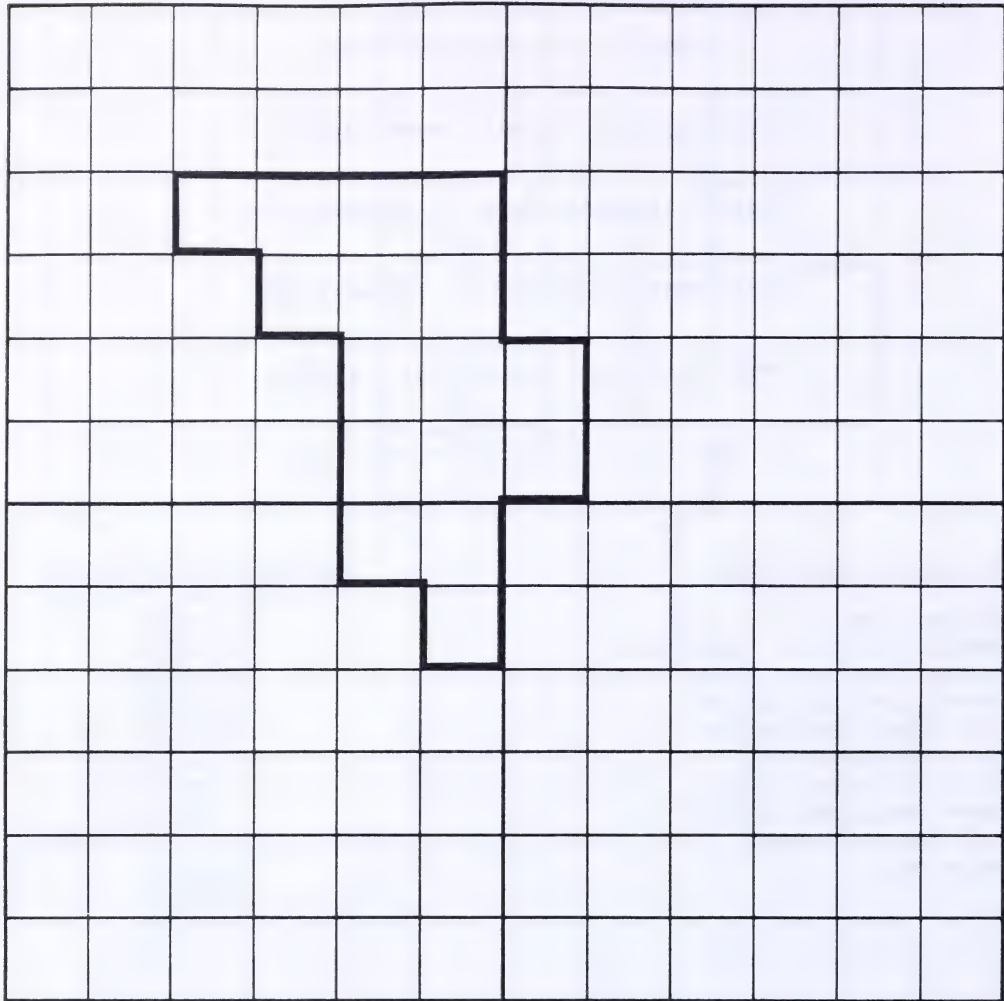
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.15

R.14W.5M.



T.54

T.53

SOUTH ROSEVEAR GAS UNIT NO.1

INITIAL EFFECTIVE DATE - 1 OCTOBER 1979

UNIT OPERATOR - SHELL CANADA LIMITED



SUNCHILD GAS UNIT NO. 1

Located in the Sunchild Field

Unit Operator - Home Oil Company Limited

Initial Effective Date - 1 October 1978

Participation Revised - 30 June 1988

*Unitized Zone - Elkton-Shunda Zone

*Unitized Substance - Gas

Working Interest Owners

Per Cent Participation

Amerada Minerals Corporation of Canada Ltd.	2.00
DeKalb Energy Canada Ltd.	2.00
Esso Resources Canada Limited	3.00
Gulf Canada Resources Limited	11.00
Home Oil Company Limited	34.00
Mobil Oil Canada, Ltd.	11.00
Pembina Resources Ltd.	34.00
Shell Canada Limited	3.00
	<u>100.00</u>

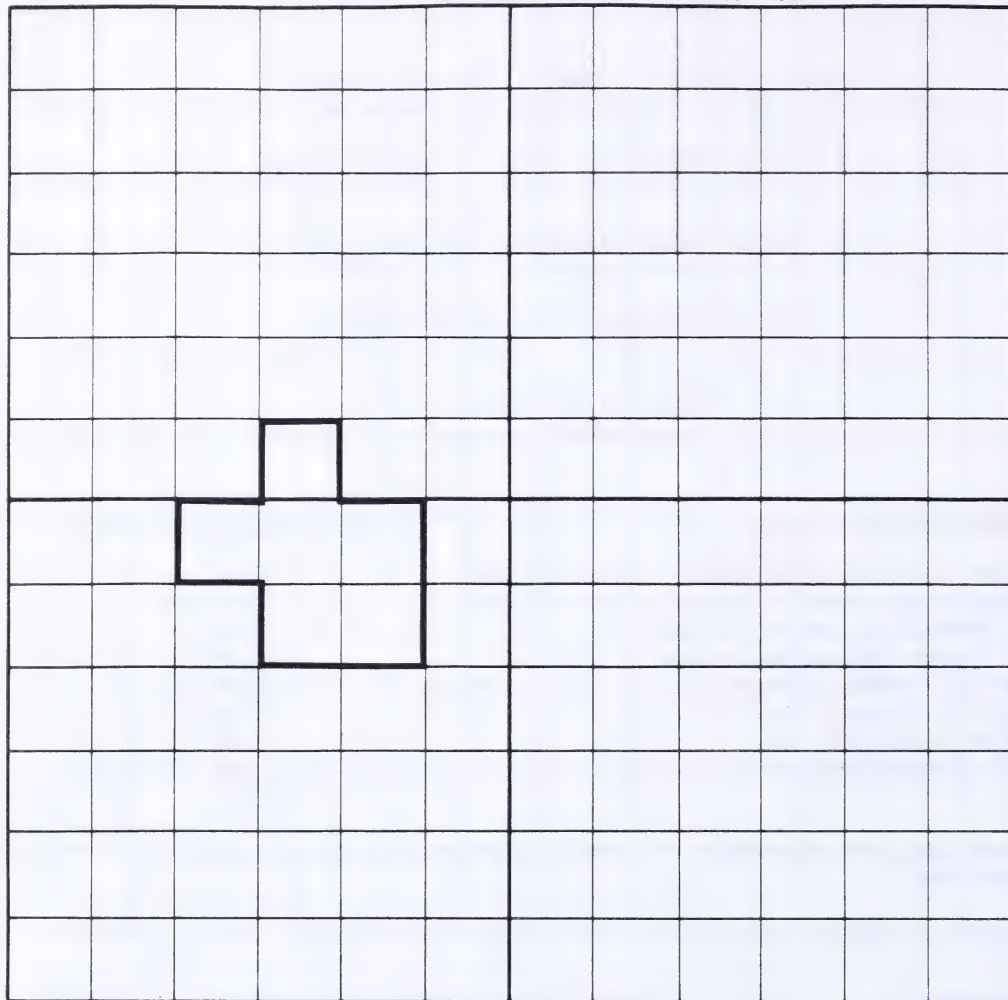
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.11

R.10 W.5 M.



T.44

T.43

SUNCHILD GAS UNIT NO.1



INITIAL EFFECTIVE DATE- 1 OCTOBER 1978

UNIT OPERATOR- HOME OIL COMPANY LIMITED

SUNDRE UNIT NO. 1

Located in the Sundre Field

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 1 October 1963

Participation Revised - 1 January 1989

*Unitized Zone - Elkton Member and Shunda Member

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Dekalb Energy Canada Ltd.	11.770470
Home Oil Company Limited	0.838933
Hudson's Bay Oil and Gas Company Limited	77.375466
Kalif Holdings Ltd.	1.415400
Mobil Oil Canada	0.210535
Shell Canada Limited	4.797739
Total Petroleum Canada Ltd.	<u>3.591457</u>
	100.000000

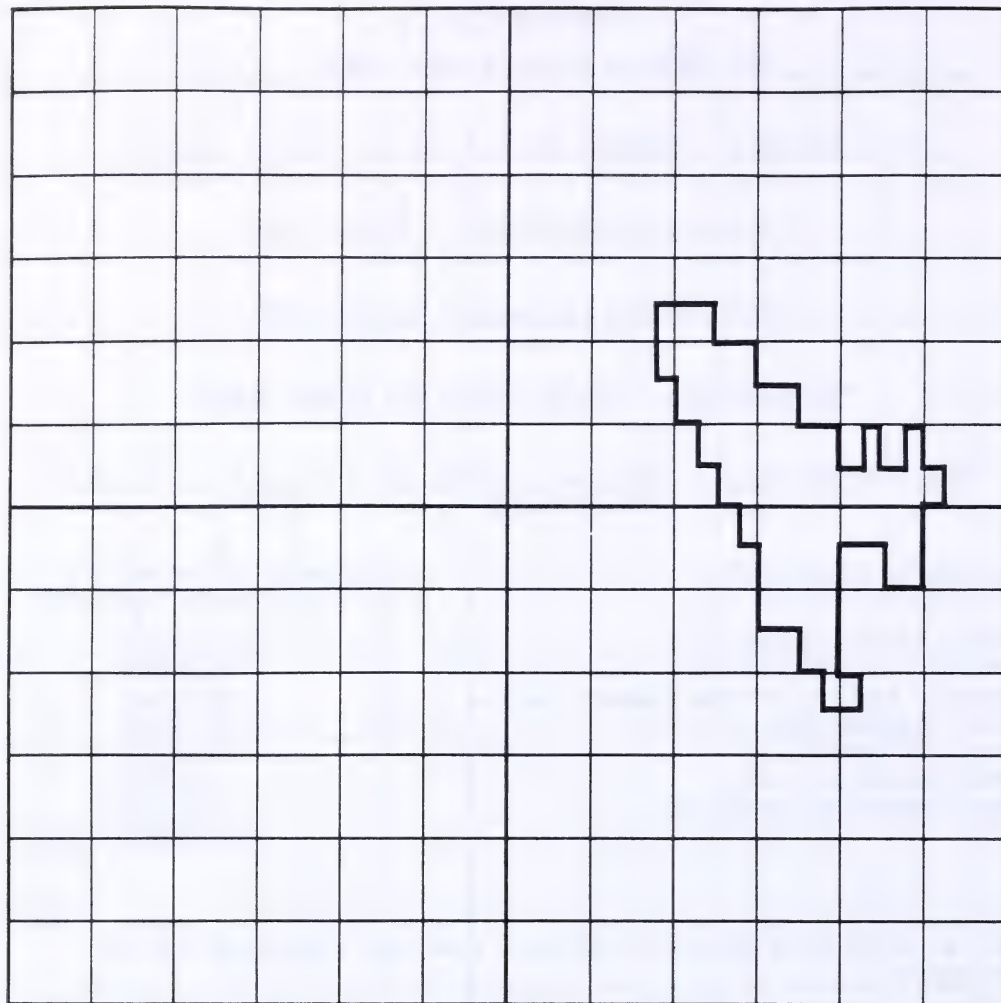
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.6

R.5W.5M.



T.34

T.33

SUNDRE UNIT NO.1



INITIAL EFFECTIVE DATE - 1 OCTOBER 1963

UNIT OPERATOR - HUDSON'S BAY OIL AND GAS COMPANY LIMITED

SUNDRE RUNDLE "B" POOL UNIT

Located in Caroline and Sundre Fields

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 1 July 1966

Participation Revised - 1 January 1989

*Unitized Zone - Elkton Member

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

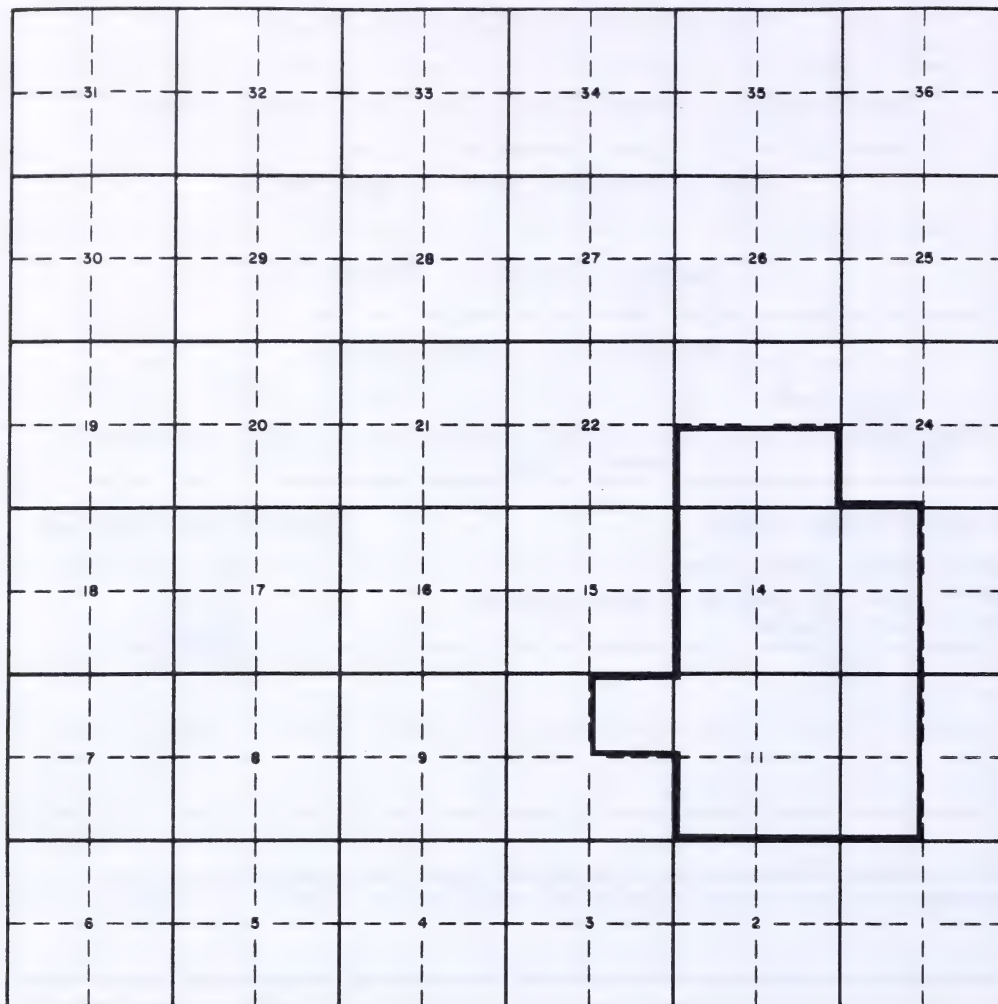
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
DeKalb Energy Canada Ltd.	33.713
Hudson's Bay Oil and Gas Company Limited	51.067
Shell Canada Limited	15.220
	<u>100.000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

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Calgary, Alberta

R.5 W.5 M.



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SUNDRE RUNDLE "B" POOL UNIT

ERCB

INITIAL EFFECTIVE DATE - 1 JULY 1966

UNIT OPERATOR - HUDSON'S BAY OIL AND GAS COMPANY LIMITED

SWAN HILLS UNIT NO. 1

Located in the Swan Hills Field

Unit Operator - Home Oil Company Limited

Initial Effective Date - 1 January 1963

Participation Revised - 1 September 1988

*Unitized Zone - Swan Hills Member

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

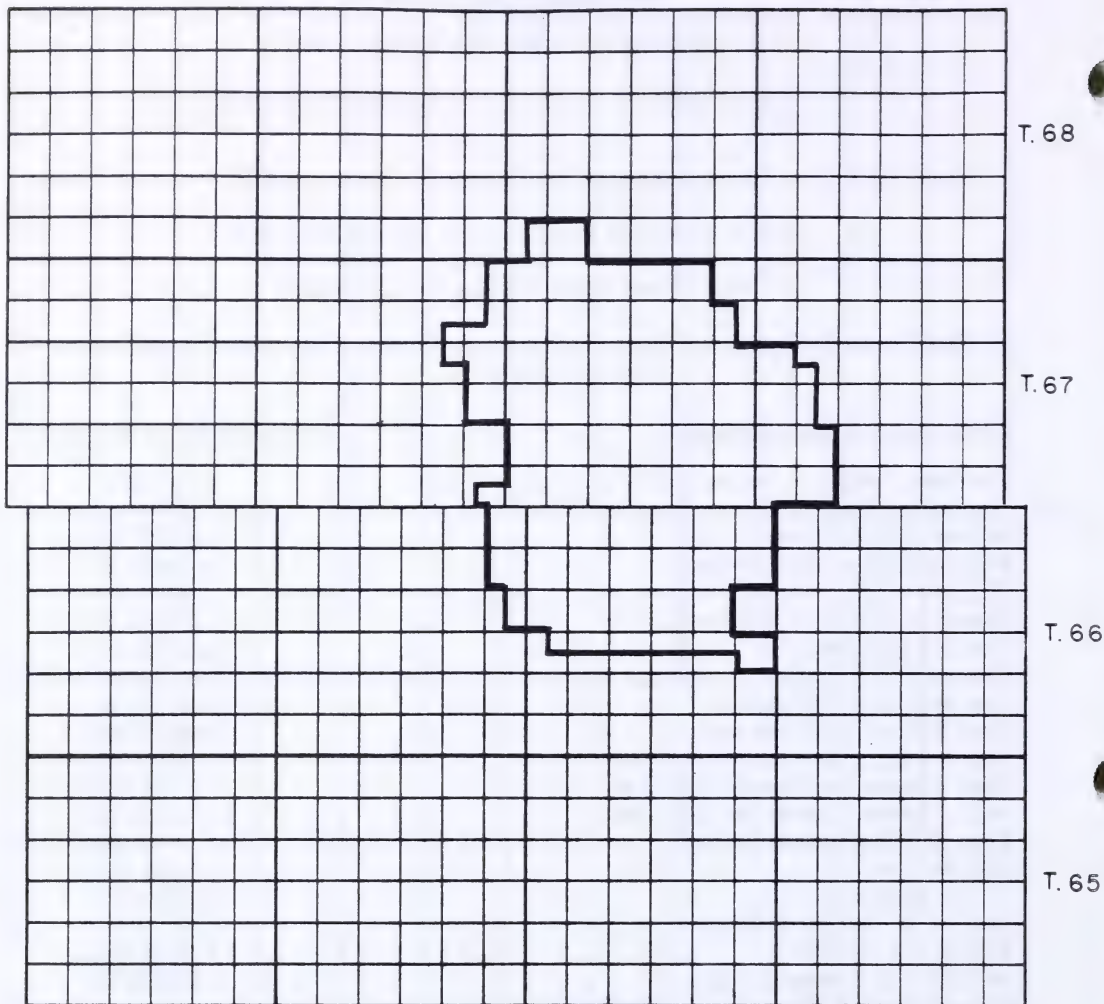
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amerada Minerals Corporation of Canada Ltd.	1.0455030
Amoco Canada Petroleum Company Ltd.	14.4474685
Balmer Enterprises, Inc.	0.0272774
Benedum-Trees Oil Company	0.2080238
BP Resources Canada Limited	1.9280706
Canadian Kenwood Company	0.6890651
Chair Holdings Ltd.	0.2332560
Corvair Oils Ltd.	0.0756917
Denison Mines Limited	0.3337640
Dome Petroleum Limited	0.0275790
Encor Energy Corporation Inc.	0.6240712
Esso Resources Canada Limited	0.1631170
Gulf Canada Resources Limited	16.9080285
Home Oil Company Limited	17.2802734
Luscar Ltd.	1.4381363
P. J. McMahon	0.1002323
Estate of R. W. McMahon	0.0539132
Mobil Oil Canada	12.2106815
Murphy Oil Company Ltd.	1.2067858
Norcen Energy Resources Limited	0.2710628
Petro-Canada Inc.	4.8616328
Phillips Petroleum Canada Ltd.	0.5002590
Sabre Energy Ltd.	0.0387878
Shell Canada Limited	0.0787607
Suncor Inc.	1.9474812
Texaco Canada Enterprises Ltd.	1.3868515
Texaco Canada Resources	18.6600542
TN Resources Partnership	0.8625010
Total Petroleum Canada Ltd.	2.2983000
Western Decalta Petroleum (1977) Limited	0.0933707
	<u>100.0000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.9 W.5 M.



ERCB

UNIT OPERATOR - HOME OIL COMPANY LIMITED

EAST TABER MANNVILLE "D" UNIT NO. 1

Located in the Taber Field

Unit Operator - Chevron Canada Resources

Initial Effective Date - 1 January 1971

Participation Revised - 1 January 1989

*Unitized Zone - Mannville "D" Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

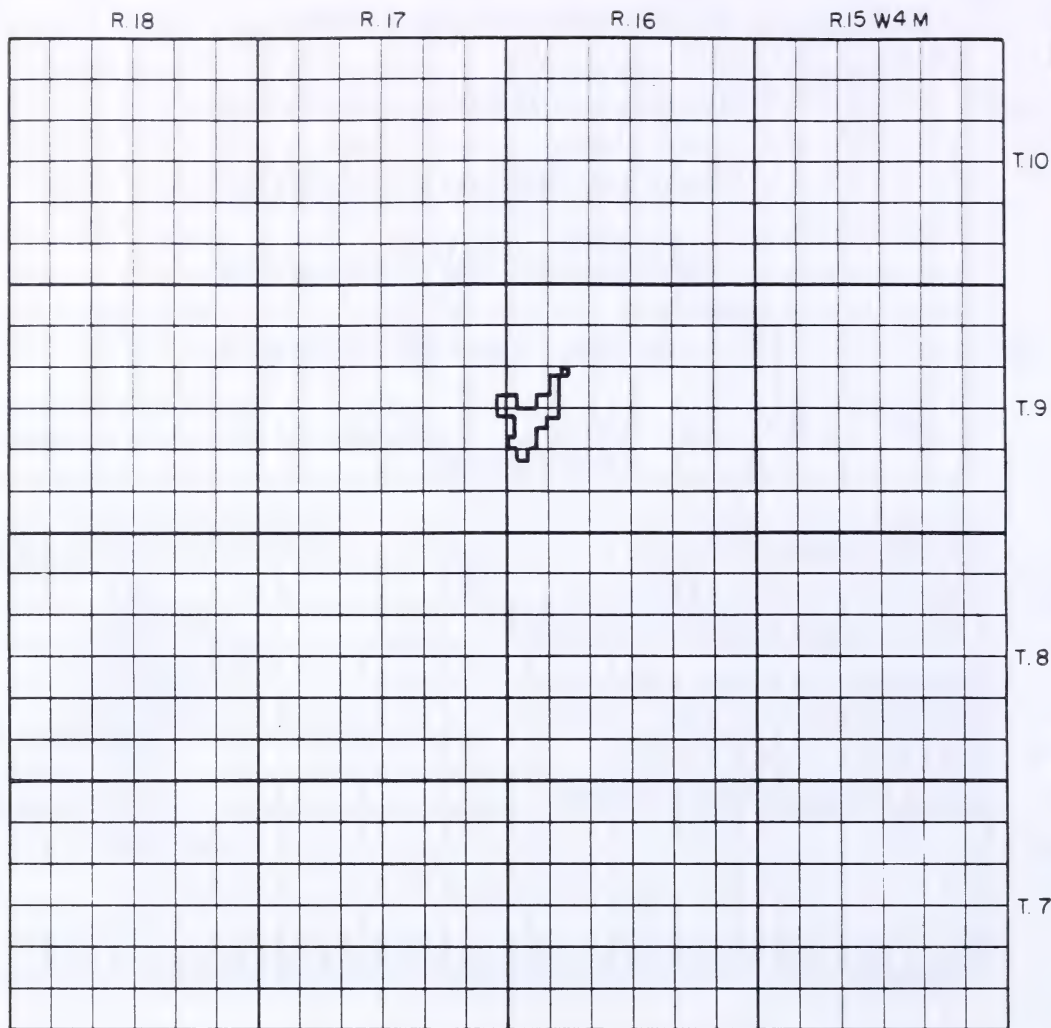
Per Cent Participation

Anadarko Petroleum of Canada Ltd.	4.25882
Chevron Canada Resources	82.68000
Domtar Energy Inc.	0.25801
Esso Resources Canada Limited	1.49471
Koch Exploration Canada, Ltd.	2.82500
Mark Resources Inc.	0.34165
NCE Oil & Gas (88-1) Ltd.	5.93434
Norcen Energy Resources Limited	1.69500
Petromak Minerals Ltd.	0.51247
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



EAST TABER MANNVILLE D UNIT NO.1

INITIAL EFFECTIVE DATE - 1 JANUARY 1971

UNIT OPERATOR - CHEVRON CANADA RESOURCES



TABER NORTH UNIT NO. 2

Located in the Taber North Field

Unit Operator - Coseka Resources Limited

Initial Effective Date - 1 December 1984

Participation Revised - 1 March 1989

*Unitized Zone - Glauconitic and Lower Mannville Formations

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

Per Cent Participation

Anadarko Petroleum of Canada Ltd.	1.11070
Ancel Management Ltd.	0.37410
Atlantis Resources Ltd.	1.41806
Bellport Resources Ltd.	1.06140
Bow Valley Industries Ltd.	28.54982
Camreco Inc.	0.12394
Canadian Superior Oil Ltd.	1.75137
Jerry Chambers Exploration Co.	1.37848
Concrest Corporation Ltd.	1.40453
Coseka Resources Limited	43.64534
Enerplus Resources Corporation	1.53704
Fen Exploration Ltd.	1.90196
Harbour Petroleum Company Limited	2.47591
Hillcrest Resources Ltd.	0.07119
Hudson's Bay Oil & Gas Co. Ltd.	0.53321
Morrison Petroleums Ltd.	8.04960
NCE Oil & Gas (87-1) Ltd.	1.53704
Petro Can Oil & Gas Fund	0.12394
Simmons Management Limited	0.80253
Trapper Resources Ltd.	0.24788
241276 A Numbered Alberta Company	1.90196
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.16W 4 M

31	32	33	34	35	36
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6	5	4	3	2	1

T.11

TABER NORTH UNIT NO. 2

ERCB

INITIAL EFFECTIVE DATE - 1 DECEMBER 1984

UNIT OPERATOR - COSEKA RESOURCES LIMITED

TIDE LAKE GAS UNIT NO. 1

Located in the Alderson, Bantry, and Princess Fields

Unit Operator - PanCanadian Petroleum Limited

Initial Effective Date - 1 April 1976

Participation Revised - 1 August 1984

*Unitized Zone - Medicine Hat Formation, Milk River Formation, and
Second White Specks Formation

*Unitized Substance - Gas

Working Interest Owners

Per Cent Participation

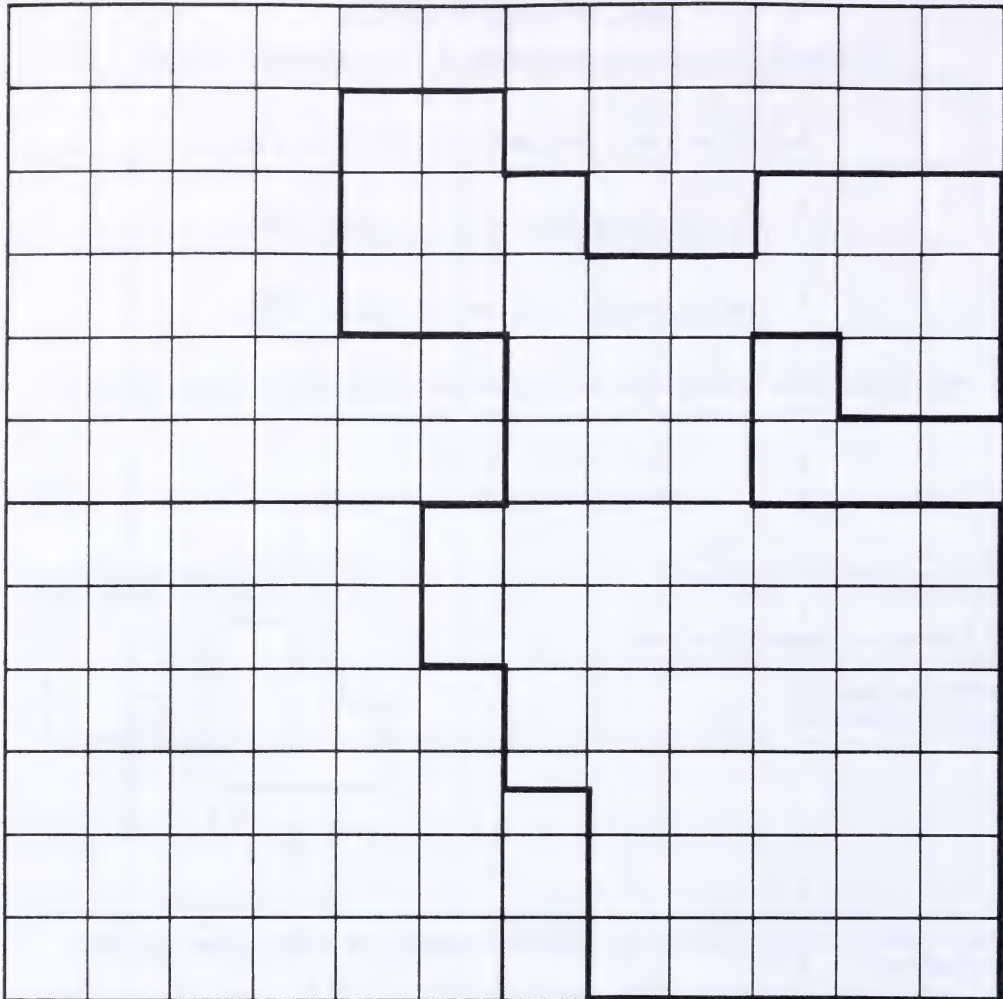
BP Resources Canada Limited	16.5183
PanCanadian Petroleum Limited	50.0000
Petro-Canada Inc.	22.4695
Teck Corporation	<u>11.0122</u>
	100.0000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 11 W. 4 M.



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ERC

UNIT OPERATOR — PANCANADIAN PETROLEUM LIMITED

TILLEY MILK RIVER GAS UNIT

Located in the Alderson and Bantry Fields

Unit Operator - Esso Resources Ventures Limited

Initial Effective Date - 1 March 1973

Participation Revised - 1 January 1989

*Unitized Zone - Milk River Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

Per Cent Participation

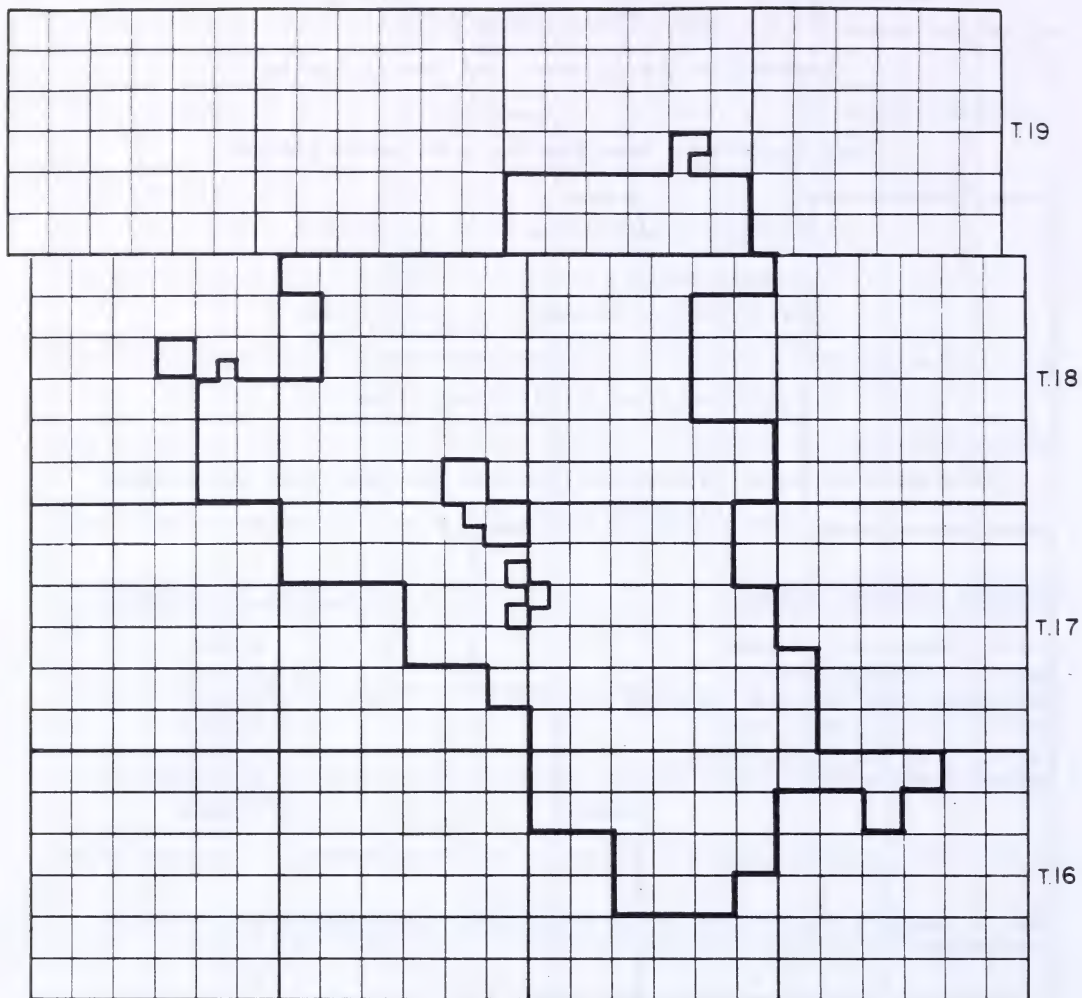
Coseka Resources Limited	8.6985
Dome Petroleum Limited	10.8589
Esso Resources Ventures Limited	79.1166
NCE Oil & Gas (88-1) Ltd.	0.3315
TAP Capital Gas Corporation	0.8619
385296 Alberta Ltd.	0.1326
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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R.11 W.4M.



TILLEY MILK RIVER GAS UNIT

ERC

INITIAL EFFECTIVE DATE-1 MARCH 1973.

UNIT OPERATOR- ESSO RESOURCES VENTURES LIMITED

VIRGINIA HILLS BHL UNIT NO. 2

Located in the Judy Creek and Virginia Hills Fields

Unit Operator - Cooperative Energy Development Corporation

Initial Effective Date - 1 October 1979

Participation Revised - 1 February 1989

*Unitized Zone - Beaverhill Lake Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Atcor Ltd.	1.23808
Canadian Superior Oil Ltd.	7.71675
Cooperative Energy Development Corporation	23.59056
Curran Bay Resource Ltd.	1.23808
Denison Mines Limited	1.23809
Home Oil Company Limited	12.15438
Hudson's Bay Oil and Gas Company Limited	11.36225
Lario Oil & Gas Company	25.85588
Unocal Canada Limited	14.36784
Woodbend Oil & Gas Ltd.	1.23809
	<u>100.00000</u>

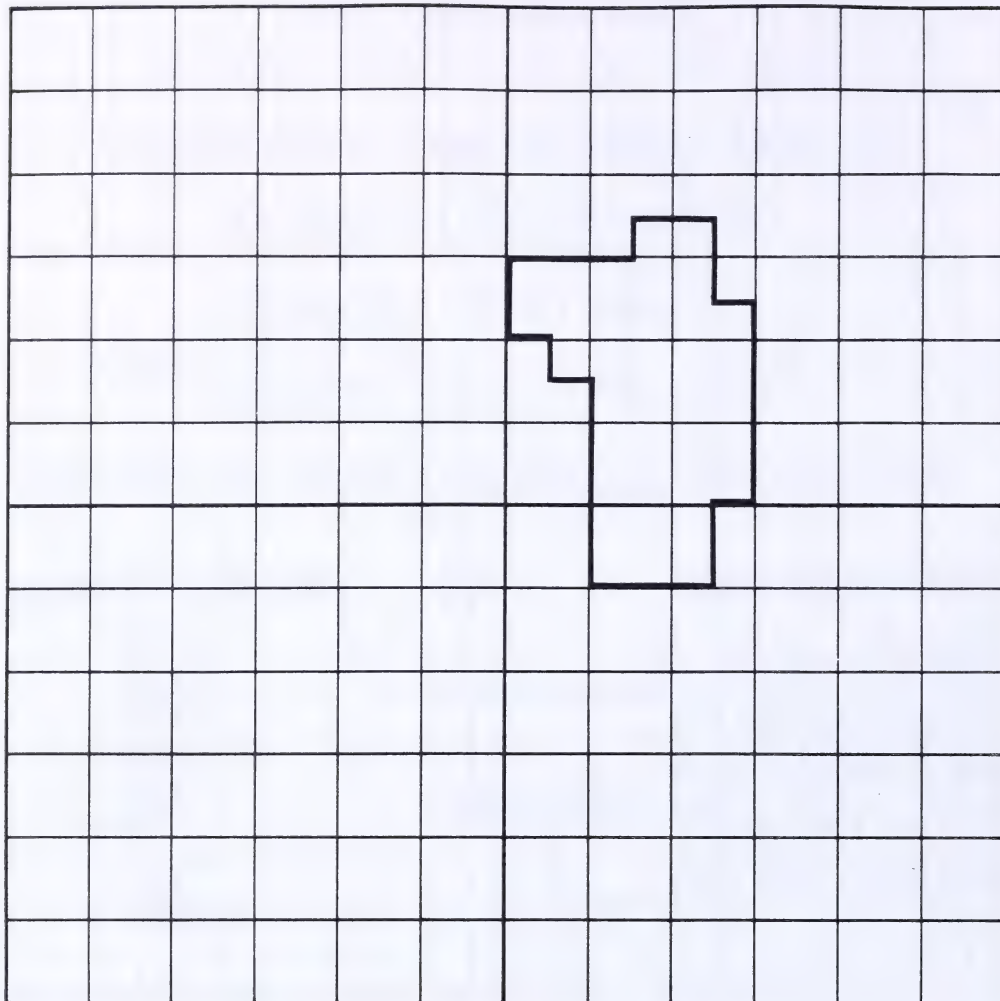
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.13

R.12 W.5 M.



T.65

T.64

VIRGINIA HILLS BHL UNIT NO. 2



INITIAL EFFECTIVE DATE - 1 OCTOBER 1979

UNIT OPERATOR - COOPERATIVE ENERGY DEVELOPMENT CORPORATION

WAINWRIGHT COLONY SAND GAS UNIT NO. 1

Located in the Wainwright Field

Unit Operator - Sceptre Resources Limited

Initial Effective Date - 1 August 1973

Participation Revised - 8 February 1989

*Unitized Zone - Colony Sand

*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Esso Resources Canada Limited	27.0270000
Mikaud Oils Ltd.	1.3513500
Byron S. Miller, Trustee	17.9054125
Sceptre Resources Limited	35.8108250
Webb International Minerals, Inc.	17.9054125
	<u>100.0000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

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Calgary, Alberta

R.7

R.6W4M

34	35	36	31	32	33
27	26	25	30	29	28
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15	14	13	18	17	16
10	11	12	7	8	9
3	2	1	6	5	4

T.44

WAINWRIGHT COLONY SAND GAS UNIT NO.1

INITIAL EFFECTIVE DATE- 1 AUGUST 1973

UNIT OPERATOR- SCEPTRE RESOURCES LIMITED

WAINWRIGHT UNIT NO. 2

Located in the Wainwright Field

Unit Operator - Husky Oil Operations Ltd.

Initial Effective Date - 1 October 1962

Participation Revised - 1 March 1989

*Unitized Zone - Wainwright Wainwright Pool

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Corexcal, Inc.	0.5925
Hudson's Bay Oil and Gas Company Limited	4.7293
Husky Oil Operations Ltd.	61.9299
Pacific Lighting Exploration Company	0.9114
Pembina Resources Limited	21.4381
Petro-Canada Inc.	2.9173
Petro-Rep (Canada) Ltd.	6.1441
Trans-Canada Resources Ltd.	0.6888
Western Allenbee Oil & Gas Company Limited	0.6486
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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WAINWRIGHT UNIT NO.2



UNIT OPERATOR- HUSKY OIL OPERATIONS LTD.

WAINWRIGHT UNIT NO. 4

Located in the Wainwright Field

Unit Operator - Petro-Canada Inc.

Initial Effective Date - 1 August 1962

Participation Revised - 1 January 1989

*Unitized Zone - Wainwright Wainwright Pool

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Bankeno Resources Ltd.	3.535729
D & J Developments Limited	1.177072
R. D. Pearson	0.919098
Pembina Resources Limited	5.823001
Petro-Canada Inc.	86.190956
Spruce Hills Production Co. Inc.	1.177072
Wrangler Management Ltd.	1.177072
	<u>100.000000</u>

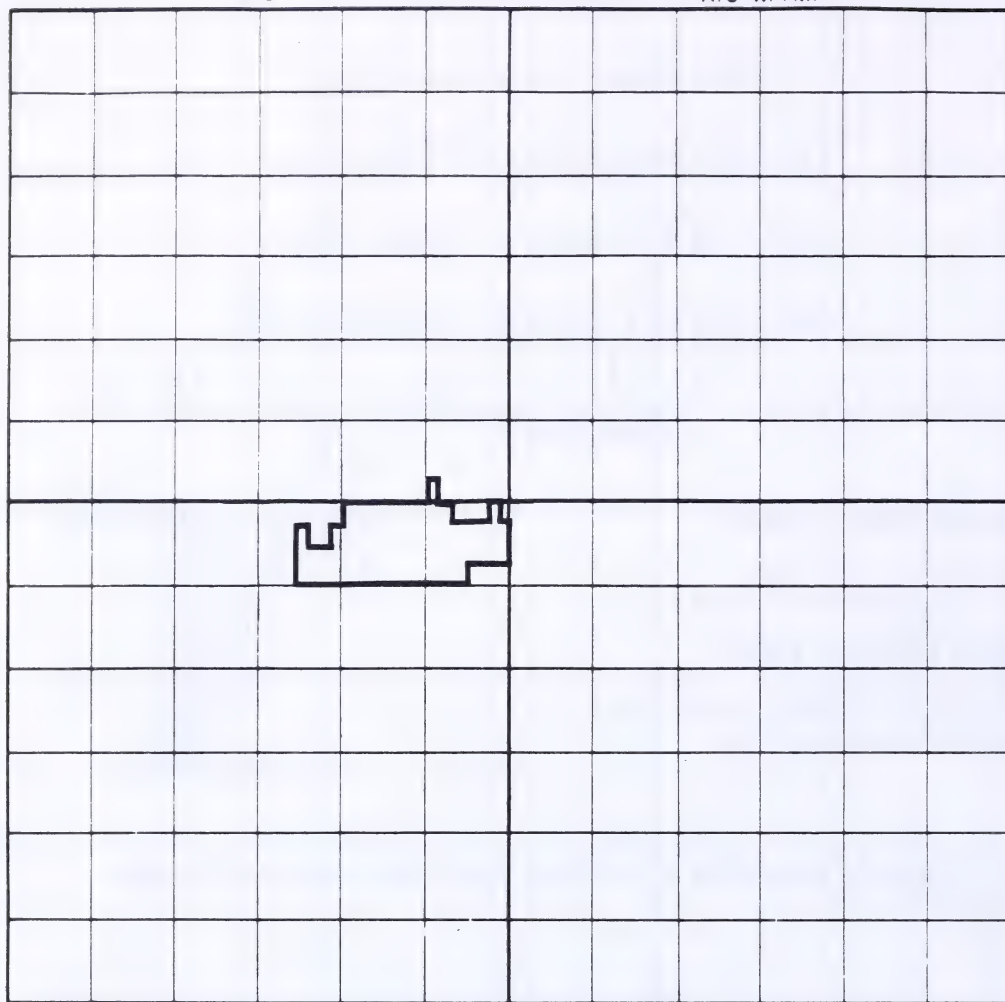
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

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Calgary, Alberta

R. 6

R. 5 W. 4 M.



T. 46

T. 45

WAINWRIGHT UNIT NO. 4

INITIAL EFFECTIVE DATE - 1 AUGUST 1962

UNIT OPERATOR - PETRO-CANADA INC.

ERCB

WAYNE-ROSEDALE GLAUCONITIC UNIT NO. 1

Located in the Wayne-Rosedale Field

Unit Operator - Mobil Oil Canada

Initial Effective Date - 1 November 1964

Participation Revised - 1 March 1989

*Unitized Zone - Glauconitic Zone

*Unitized Substance - Natural gas and associated hydrocarbons except
petroleum and coal

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Atcor Limited	5.111840
Dome Petroleum Limited	18.359360
Norman L. Easley	0.550775
Mobil Oil Canada	34.969690
Murphy Oil Company Ltd.	18.087900
Norcen Energy Resources Limited	12.778120
Shell Canada Limited	5.111840
Twin Richfield Oils Ltd.	1.909380
Voyager Energy Inc.	1.285160
Stewart M. Whipple	1.835935
	<u>100.000000</u>

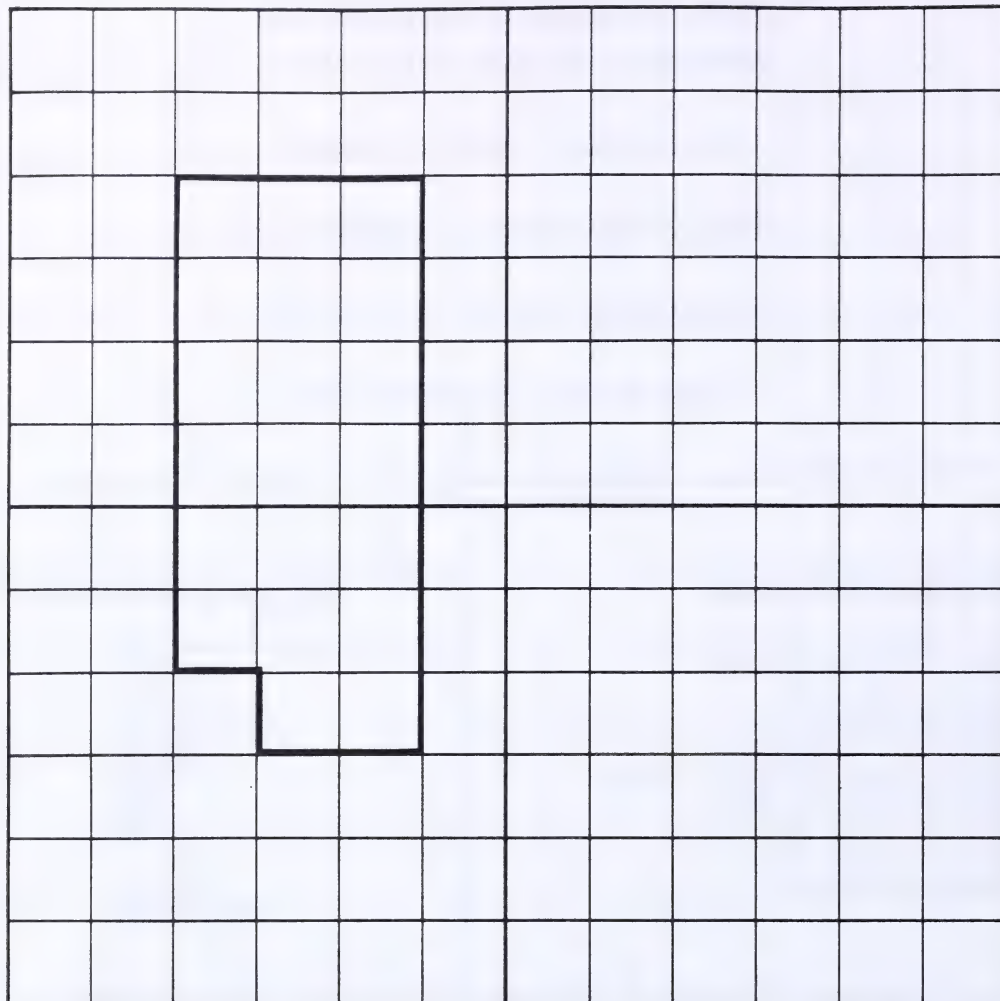
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.20

R.19 W.4 M.



T.29

T.28

WAYNE - ROSEDALE GLAUCONITIC UNIT NO.1



INITIAL EFFECTIVE DATE - 1 NOVEMBER 1964

UNIT OPERATOR - MOBIL OIL CANADA

WESTEROSE SOUTH (DICK LAKE) LEDUC UNIT

Located in the Westeros South Field

Unit Operator - Gulf Canada Resources Limited

Initial Effective Date - 1 December 1960

Participation Revised - 1 March 1989

*Unitized Zone - Leduc Formation

*Unitized Substance - Crude oil, natural gas, condensate and all other hydrocarbons (except coal)

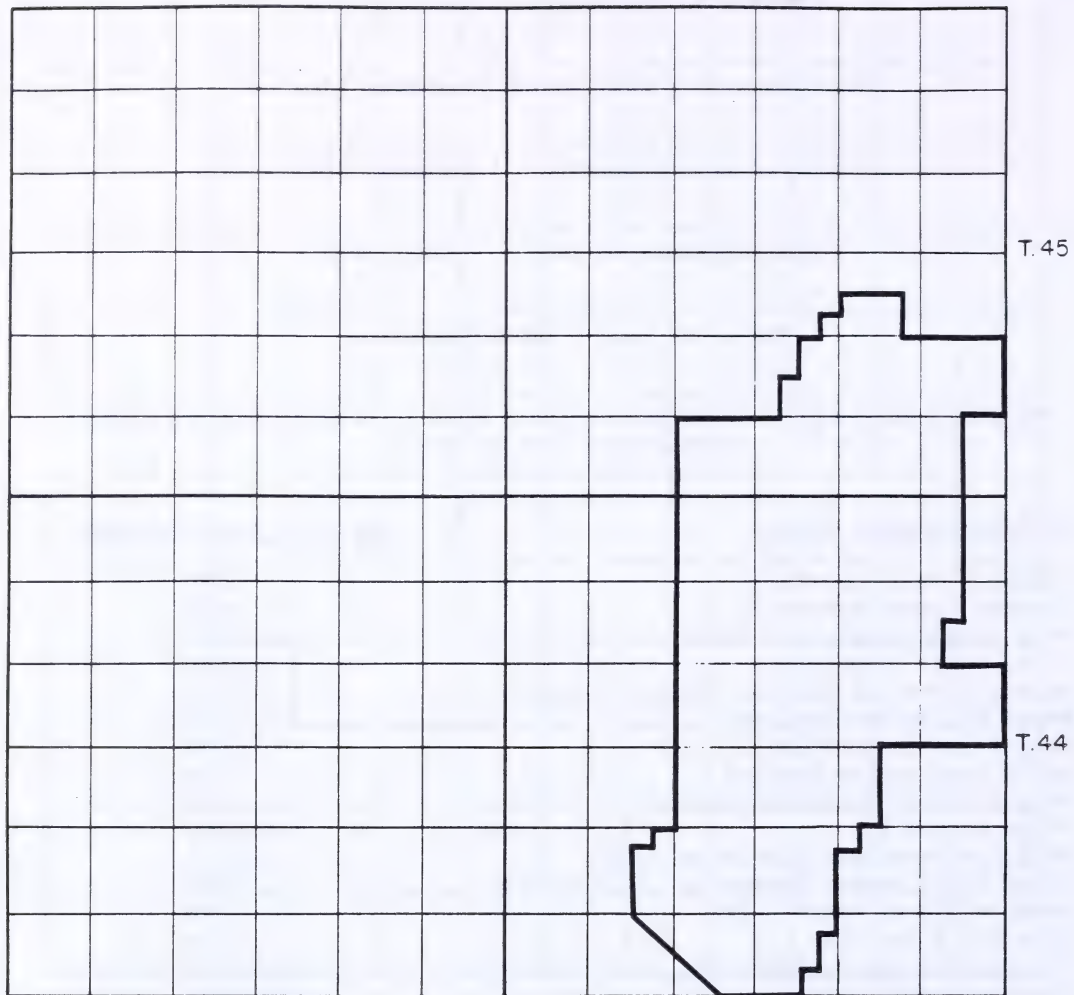
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Jorex Limited	0.12299
Chevron Canada Resources	32.34539
Gulf Canada Resources Limited	42.57613
J. M. Huber Corporation	0.00547
Hudson's Bay Oil and Gas Company Limited	3.08833
Husky Oil Operations Ltd.	9.27540
Kerr-McGee Corporation	0.00958
Leddy Exploration Limited	0.01504
Norcen Energy Resources Limited	0.35141
Petro-Canada Inc.	9.27540
Phillips Petroleum Resources, Ltd.	0.01504
Royal Trust Energy Resources II Corporation	1.62808
Samedan Oil of Canada, Inc.	0.08785
Star Oil & Gas Ltd.	1.05376
Tap Capital Gas Corporation	0.00957
Herbert Daniel Wyman	0.14056
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.1 W.5 M.



ERCB

UNIT OPERATOR- GULF CANADA RESOURCES LIMITED

WILDUNN GAS UNIT

Located in Halliday, Richdale, and Wildunn Creek Fields

Unit Operator - Dome Petroleum Limited

Initial Effective Date - 1 March 1969

Participation Revised - 1 January 1989

*Unitized Zone - Viking Zone and Lower Mannville A Zone

*Unitized Substance - Natural gas

Working Interest Owners

Per Cent Participation

Alta-Canada Corporation	8.84659
Dome Petroleum Limited	72.63123
Hudson's Bay Oil and Gas Company Limited	18.52218
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

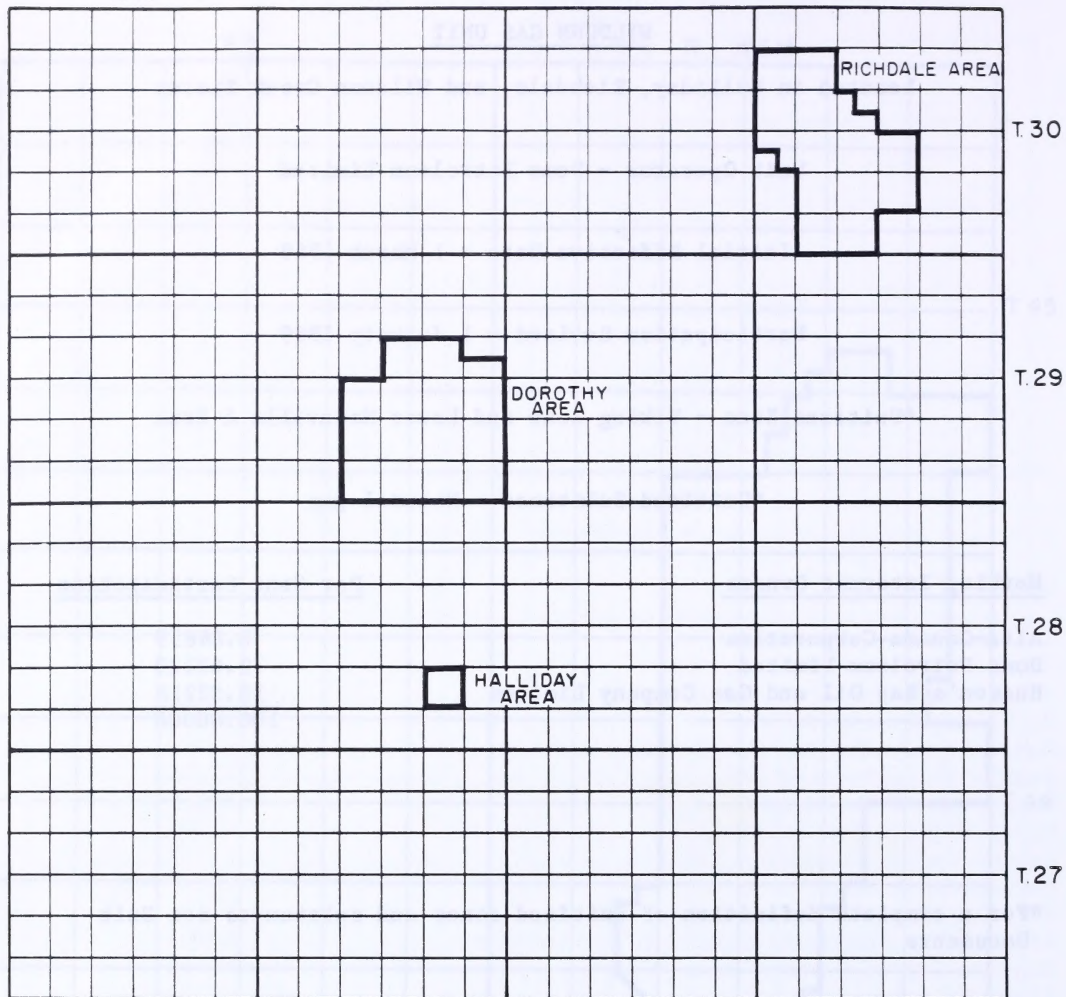
ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.15

R.14

R.13

R.12W.4M



WILDUNN GAS UNIT

ERCB

INITIAL EFFECTIVE DATE - 1 MARCH 1969

UNIT OPERATOR - DOME PETROLEUM LIMITED

WOOD RIVER D-2C UNIT

Located in the Wood River Field

Unit Operator - Home Oil Company Limited

Initial Effective Date - 1 August 1980

Participation Revised - 1 October 1988

*Unitized Zone - Nisku Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

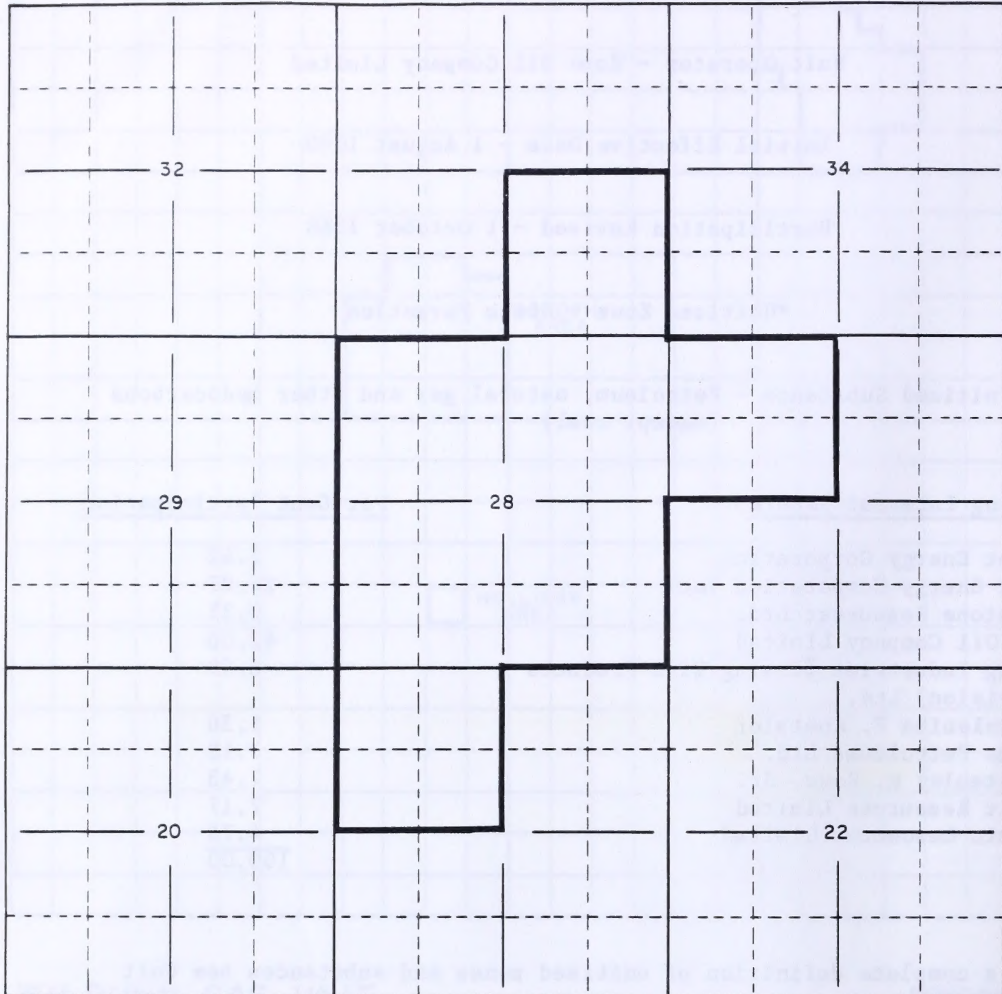
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Dorset Energy Corporation	2.62
Encor Energy Corporation Inc.	24.87
Greystone Resources Ltd.	0.25
Home Oil Company Limited	42.00
Irving Industries (Irving Wire Products Division) Ltd.	2.39
Mr. Helenius F. Koetsier	1.30
Paloma Petroleums Ltd.	7.18
Mr. Stanley R. Rawn, Jr.	7.43
Summit Resources Limited	7.17
Westmin Resources Limited	4.79
	<u>100.00</u>

*For a complete definition of unitized zones and substances see Unit Documents

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R.23W4M



WOOD RIVER D-2C UNIT

INITIAL EFFECTIVE DATE- 1 AUGUST 1980

UNIT OPERATOR- HOME OIL COMPANY LIMITED

ERCB